

Union Calendar No. 59

106TH CONGRESS  
1ST Session

H. R. 1480

[Report No. 106-106, Part I]

A BILL

To provide for the conservation and development of water and related resources, to authorize the United States Army Corps of Engineers to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

APRIL 26, 1999

Reported from the Committee on Transportation and Infrastructure with an amendment

APRIL 26, 1999

Referral to the Committee on Resources extended for a period ending not later than April 26, 1999

APRIL 26, 1999

The Committee on Resources discharged; committed to the Committee of the Whole House on the State of the Union and ordered to be printed

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## IN THE HOUSE OF REPRESENTATIVES

APRIL 20, 1999

Mr. SHUSTER introduced the following bill; which was referred to the Committee on Transportation and Infrastructure, and in addition to the Committee on Resources, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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[Strike out all after the enacting clause and insert the part printed in italic]

[For text of introduced bill, see copy of bill as introduced on April 20, 1999]

## A BILL

To provide for the conservation and development of water and related resources, to authorize the United States Army Corps of Engineers to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) *SHORT TITLE.*—*This Act may be cited as the*  
5 *“Water Resources Development Act of 1999”.*

6 (b) *TABLE OF CONTENTS.*—

*Sec. 1. Short title; table of contents.*

*Sec. 2. Secretary defined.*

### TITLE I—WATER RESOURCES PROJECTS

*Sec. 101. Project authorizations.*

*Sec. 102. Small flood control projects.*

*Sec. 103. Small bank stabilization projects.*

*Sec. 104. Small navigation projects.*

*Sec. 105. Small projects for improvement of the environment.*

*Sec. 106. Small aquatic ecosystem restoration projects.*

### TITLE II—GENERAL PROVISIONS

*Sec. 201. Small flood control authority.*

*Sec. 202. Use of non-Federal funds for compiling and disseminating information on floods and flood damages.*

*Sec. 203. Contributions by States and political subdivisions.*

*Sec. 204. Sediment decontamination technology.*

*Sec. 205. Control of aquatic plants.*

*Sec. 206. Use of continuing contracts required for construction of certain projects.*

*Sec. 207. Support of Army civil works program.*

*Sec. 208. Water resources development studies for the Pacific region.*

*Sec. 209. Everglades and south Florida ecosystem restoration.*

- Sec. 210. Beneficial uses of dredged material.*
- Sec. 211. Harbor cost sharing.*
- Sec. 212. Aquatic ecosystem restoration.*
- Sec. 213. Watershed management, restoration, and development.*
- Sec. 214. Flood mitigation and riverine restoration pilot program.*
- Sec. 215. Shoreline management program.*
- Sec. 216. Assistance for remediation, restoration, and reuse.*
- Sec. 217. Shore damage mitigation.*
- Sec. 218. Shore protection.*
- Sec. 219. Flood prevention coordination.*
- Sec. 220. Annual passes for recreation.*
- Sec. 221. Cooperative agreements for environmental and recreational measures.*
- Sec. 222. Nonstructural flood control projects.*
- Sec. 223. Lakes program.*
- Sec. 224. Construction of flood control projects by non-Federal interests.*
- Sec. 225. Enhancement of fish and wildlife resources.*
- Sec. 226. Sense of Congress; requirement regarding notice.*
- Sec. 227. Periodic beach nourishment.*
- Sec. 228. Environmental dredging.*

### *TITLE III—PROJECT-RELATED PROVISIONS*

- Sec. 301. Missouri River Levee System.*
- Sec. 302. Ouzinkie Harbor, Alaska.*
- Sec. 303. Greers Ferry Lake, Arkansas.*
- Sec. 304. Ten- and Fifteen-Mile Bayous, Arkansas.*
- Sec. 305. Loggy Bayou, Red River below Denison Dam, Arkansas, Louisiana, Oklahoma, and Texas.*
- Sec. 306. Sacramento River, Glenn-Colusa, California.*
- Sec. 307. San Lorenzo River, California.*
- Sec. 308. Terminus Dam, Kaweah River, California.*
- Sec. 309. Delaware River mainstem and channel deepening, Delaware, New Jersey, and Pennsylvania.*
- Sec. 310. Potomac River, Washington, District of Columbia.*
- Sec. 311. Brevard County, Florida.*
- Sec. 312. Broward County and Hillsboro Inlet, Florida.*
- Sec. 313. Fort Pierce, Florida.*
- Sec. 314. Nassau County, Florida.*
- Sec. 315. Miami Harbor Channel, Florida.*
- Sec. 316. Lake Michigan, Illinois.*
- Sec. 317. Springfield, Illinois.*
- Sec. 318. Little Calumet River, Indiana.*
- Sec. 319. Ogden Dunes, Indiana.*
- Sec. 320. Saint Joseph River, South Bend, Indiana.*
- Sec. 321. White River, Indiana.*
- Sec. 322. Lake Pontchartrain, Louisiana.*
- Sec. 323. Larose to Golden Meadow, Louisiana.*
- Sec. 324. Louisiana State Penitentiary Levee, Louisiana.*
- Sec. 325. Twelve-mile Bayou, Caddo Parish, Louisiana.*
- Sec. 326. West Bank of the Mississippi River (East of Harvey Canal), Louisiana.*
- Sec. 327. Tolchester Channel, Baltimore Harbor and channels, Chesapeake Bay, Kent County, Maryland.*
- Sec. 328. Sault Sainte Marie, Chippewa County, Michigan.*
- Sec. 329. Jackson County, Mississippi.*
- Sec. 330. Tunica Lake, Mississippi.*

- Sec. 331. Bois Brule Drainage and Levee District, Missouri.*
- Sec. 332. Meramec River Basin, Valley Park Levee, Missouri.*
- Sec. 333. Missouri River mitigation project, Missouri, Kansas, Iowa, and Nebraska.*
- Sec. 334. Wood River, Grand Island, Nebraska.*
- Sec. 335. Absecon Island, New Jersey.*
- Sec. 336. New York Harbor and Adjacent Channels, Port Jersey, New Jersey*
- Sec. 337. Passaic River, New Jersey.*
- Sec. 338. Sandy Hook to Barnegat Inlet, New Jersey.*
- Sec. 339. Arthur Kill, New York and New Jersey.*
- Sec. 340. New York City watershed.*
- Sec. 341. New York State Canal System.*
- Sec. 342. Fire Island Inlet to Montauk Point, New York.*
- Sec. 343. Broken Bow Lake, Red River Basin, Oklahoma.*
- Sec. 344. Willamette River temperature control, McKenzie Subbasin, Oregon.*
- Sec. 345. Aylesworth Creek Reservoir, Pennsylvania.*
- Sec. 346. Curwensville Lake, Pennsylvania.*
- Sec. 347. Delaware River, Pennsylvania and Delaware.*
- Sec. 348. Mussers Dam, Pennsylvania.*
- Sec. 349. Nine-Mile Run, Allegheny County, Pennsylvania.*
- Sec. 350. Raystown Lake, Pennsylvania.*
- Sec. 351. South Central Pennsylvania.*
- Sec. 352. Cooper River, Charleston Harbor, South Carolina.*
- Sec. 353. Bowie County Levee, Texas.*
- Sec. 354. Clear Creek, Texas.*
- Sec. 355. Cypress Creek, Texas.*
- Sec. 356. Dallas Floodway Extension, Dallas, Texas.*
- Sec. 357. Upper Jordan River, Utah.*
- Sec. 358. Elizabeth River, Chesapeake, Virginia.*
- Sec. 359. Bluestone Lake, Ohio River Basin, West Virginia.*
- Sec. 360. Greenbrier Basin, West Virginia.*
- Sec. 361. Moorefield, West Virginia.*
- Sec. 362. West Virginia and Pennsylvania Flood Control.*
- Sec. 363. Project reauthorizations.*
- Sec. 364. Project deauthorizations.*
- Sec. 365. American and Sacramento Rivers, California.*
- Sec. 366. Martin, Kentucky.*

#### *TITLE IV—STUDIES*

- Sec. 401. Upper Mississippi and Illinois Rivers levees and streambanks protection.*
- Sec. 402. Upper Mississippi River comprehensive plan.*
- Sec. 403. El Dorado, Union County, Arkansas.*
- Sec. 404. Sweetwater Reservoir, San Diego County, California.*
- Sec. 405. Whitewater River Basin, California.*
- Sec. 406. Little Econlackhatchee River Basin, Florida.*
- Sec. 407. Port Everglades Inlet, Florida.*
- Sec. 408. Upper Des Plaines River and tributaries, Illinois and Wisconsin.*
- Sec. 409. Cameron Parish west of Calcasieu River, Louisiana.*
- Sec. 410. Grand Isle and vicinity, Louisiana.*
- Sec. 411. Lake Pontchartrain seawall, Louisiana.*
- Sec. 412. Westport, Massachusetts.*
- Sec. 413. Southwest Valley, Albuquerque, New Mexico.*
- Sec. 414. Cayuga Creek, New York.*

- Sec. 415. Arcola Creek Watershed, Madison, Ohio.*
- Sec. 416. Western Lake Erie Basin, Ohio, Indiana, and Michigan.*
- Sec. 417. Schuylkill River, Norristown, Pennsylvania.*
- Sec. 418. Lakes Marion and Moultrie, South Carolina.*
- Sec. 419. Day County, South Dakota.*
- Sec. 420. Corpus Christi, Texas.*
- Sec. 421. Mitchell's Cut Channel (Caney Fork Cut), Texas.*
- Sec. 422. Mouth of Colorado River, Texas.*
- Sec. 423. Kanawha River, Fayette County, West Virginia.*
- Sec. 424. West Virginia ports.*
- Sec. 425. Great Lakes region comprehensive study.*
- Sec. 426. Nutrient loading resulting from dredged material disposal.*
- Sec. 427. Santee Delta focus area, South Carolina.*

#### TITLE V—MISCELLANEOUS PROVISIONS

- Sec. 501. Corps assumption of NRCS projects.*
- Sec. 502. Construction assistance.*
- Sec. 503. Contaminated sediment dredging technology.*
- Sec. 504. Dam safety.*
- Sec. 505. Great Lakes remedial action plans.*
- Sec. 506. Sea Lamprey control measures in the Great Lakes.*
- Sec. 507. Maintenance of navigation channels.*
- Sec. 508. Measurement of Lake Michigan diversions.*
- Sec. 509. Upper Mississippi River environmental management program.*
- Sec. 510. Atlantic Coast of New York monitoring.*
- Sec. 511. Water control management.*
- Sec. 512. Beneficial use of dredged material.*
- Sec. 513. Design and construction assistance.*
- Sec. 514. Lower Missouri River aquatic restoration projects.*
- Sec. 515. Aquatic resources restoration in the Northwest.*
- Sec. 516. Innovative technologies for watershed restoration.*
- Sec. 517. Environmental restoration.*
- Sec. 518. Expedited consideration of certain projects.*
- Sec. 519. Dog River, Alabama.*
- Sec. 520. Elba, Alabama.*
- Sec. 521. Geneva, Alabama.*
- Sec. 522. Navajo Reservation, Arizona, New Mexico, and Utah.*
- Sec. 523. Augusta and Devalls Bluff, Arkansas.*
- Sec. 524. Beaver Lake, Arkansas.*
- Sec. 525. Beaver Lake trout production facility, Arkansas.*
- Sec. 526. Chino Dairy Preserve, California.*
- Sec. 527. Novato, California.*
- Sec. 528. Orange and San Diego Counties, California.*
- Sec. 529. Salton Sea, California.*
- Sec. 530. Santa Cruz Harbor, California.*
- Sec. 531. Point Beach, Milford, Connecticut.*
- Sec. 532. Lower St. Johns River Basin, Florida.*
- Sec. 533. Shoreline protection and environmental restoration, Lake Allatoona, Georgia.*
- Sec. 534. Mayo's Bar Lock and Dam, Coosa River, Rome, Georgia.*
- Sec. 535. Comprehensive flood impact response modeling system, Coralville Reservoir and Iowa River Watershed, Iowa.*
- Sec. 536. Additional construction assistance in Illinois.*
- Sec. 537. Kanopolis Lake, Kansas.*

- Sec. 538. Southern and Eastern Kentucky.*
- Sec. 539. Southeast Louisiana.*
- Sec. 540. Snug Harbor, Maryland.*
- Sec. 541. Welch Point, Elk River, Cecil County, and Chesapeake City, Maryland.*
- Sec. 542. West View Shores, Cecil County, Maryland.*
- Sec. 543. Restoration projects for Maryland, Pennsylvania, and West Virginia.*
- Sec. 544. Cape Cod Canal Railroad Bridge, Buzzards Bay, Massachusetts.*
- Sec. 545. St. Louis, Missouri.*
- Sec. 546. Beaver Branch of Big Timber Creek, New Jersey.*
- Sec. 547. Lake Ontario and St. Lawrence River water levels, New York.*
- Sec. 548. New York-New Jersey Harbor, New York and New Jersey.*
- Sec. 549. Sea Gate Reach, Coney Island, New York, New York.*
- Sec. 550. Woodlawn, New York.*
- Sec. 551. Floodplain mapping, New York.*
- Sec. 552. White Oak River, North Carolina.*
- Sec. 553. Toussaint River, Carroll Township, Ottawa County, Ohio.*
- Sec. 554. Sardis Reservoir, Oklahoma.*
- Sec. 555. Waurika Lake, Oklahoma, water conveyance facilities.*
- Sec. 556. Skinner Butte Park, Eugene, Oregon.*
- Sec. 557. Willamette River basin, Oregon.*
- Sec. 558. Bradford and Sullivan Counties, Pennsylvania.*
- Sec. 559. Erie Harbor, Pennsylvania.*
- Sec. 560. Point Marion Lock And Dam, Pennsylvania.*
- Sec. 561. Seven Points' Harbor, Pennsylvania.*
- Sec. 562. Southeastern Pennsylvania.*
- Sec. 563. Upper Susquehanna-Lackawanna watershed restoration initiative.*
- Sec. 564. Aguadilla Harbor, Puerto Rico.*
- Sec. 565. Oahe Dam to Lake Sharpe, South Dakota, study.*
- Sec. 566. Integrated water management planning, Texas.*
- Sec. 567. Bolivar Peninsula, Jefferson, Chambers, and Galveston Counties, Texas.*
- Sec. 568. Galveston Beach, Galveston County, Texas.*
- Sec. 569. Packery Channel, Corpus Christi, Texas.*
- Sec. 570. Northern West Virginia.*
- Sec. 571. Urbanized peak flood management research.*
- Sec. 572. Mississippi River Commission.*
- Sec. 573. Coastal aquatic habitat management.*
- Sec. 574. Recreation user fees initiative.*
- Sec. 575. Abandoned and inactive noncoal mine restoration.*
- Sec. 576. Beneficial use of waste tire rubber.*
- Sec. 577. Site designation.*
- Sec. 578. Land conveyances.*
- Sec. 579. Namings.*
- Sec. 580. Folsom Dam and Reservoir additional storage and water supply studies.*
- Sec. 581. Water resources development.*
- Sec. 582. Allocation of appropriations.*
- Sec. 583. Wallops Island, Virginia.*
- Sec. 584. Detroit River, Detroit, Michigan.*

**1 SEC. 2. SECRETARY DEFINED.**

- 2       *In this Act, the term “Secretary” means the Secretary*
- 3 *of the Army.*

# ***TITLE I—WATER RESOURCES PROJECTS***

## ***SEC. 101. PROJECT AUTHORIZATIONS.***

*(a) PROJECTS WITH CHIEF'S REPORTS.—The following projects for water resources development and conservation and other purposes are authorized to be carried out by the Secretary substantially in accordance with the plans, and subject to the conditions, described in the respective reports designated in this subsection:*

*(1) SAND POINT HARBOR, ALASKA.—The project for navigation, Sand Point Harbor, Alaska: Report of the Chief of Engineers dated October 13, 1998, at a total cost of \$11,760,000, with an estimated Federal cost of \$6,964,000 and an estimated non-Federal cost of \$4,796,000.*

*(2) RIO SALADO, SALT RIVER, PHOENIX AND TEMPE, ARIZONA.—The project for flood control and environmental restoration, Rio Salado, Salt River, Phoenix and Tempe, Arizona: Report of the Chief of Engineers dated August 20, 1998, at a total cost of \$88,048,000, with an estimated Federal cost of \$56,355,000 and an estimated non-Federal cost of \$31,693,000.*

*(3) TUCSON DRAINAGE AREA, ARIZONA.—The project for flood control, Tucson drainage area, Ari-*



1        *zona: Report of the Chief of Engineers, dated May 20,*  
2        *1998, at a total cost of \$29,900,000, with an esti-*  
3        *mated Federal cost of \$16,768,000 and an estimated*  
4        *non-Federal cost of \$13,132,000.*

5            (4)    *AMERICAN RIVER WATERSHED, CALI-*  
6        *FORNIA.—*

7            (A) *IN GENERAL.—The Folsom Dam Modi-*  
8        *fication portion of the Folsom Modification Plan*  
9        *described in the United States Army Corps of*  
10       *Engineers Supplemental Information Report for*  
11       *the American River Watershed Project, Cali-*  
12       *fornia, dated March 1996, as modified by the re-*  
13       *port entitled “Folsom Dam Modification Report,*  
14       *New Outlets Plan,” dated March 1998, prepared*  
15       *by the Sacramento Area Flood Control Agency,*  
16       *at an estimated cost of \$150,000,000, with an es-*  
17       *timated Federal cost of \$97,500,000 and an esti-*  
18       *mated non-Federal cost of \$52,500,000. The Sec-*  
19       *retary shall coordinate with the Secretary of the*  
20       *Interior with respect to the design and construc-*  
21       *tion of modifications at Folsom Dam authorized*  
22       *by this paragraph.*

23            (B) *REOPERATION MEASURES.—Upon com-*  
24        *pletion of the improvements to Folsom Dam au-*  
25        *thorized by subparagraph (A), the variable space*

1        *allocated to flood control within the Reservoir*  
2        *shall be reduced from the current operating*  
3        *range of 400,000-670,000 acre-feet to 400,000-*  
4        *600,000 acre-feet.*

5                *(C) COST OF FOLSOM RESERVOIR REOPER-*  
6        *ATION MEASURES.—Section 101(a)(1)(D)(ii) of*  
7        *the Water Resources Development Act of 1996*  
8        *(110 Stat. 3662–3663) is amended by striking*  
9        *“during” and all that follows through “there-*  
10       *after”.*

11               *(D) MAKEUP OF WATER SHORTAGES*  
12       *CAUSED BY FLOOD CONTROL OPERATION.—*

13               *(i) IN GENERAL.—The Secretary of the*  
14        *Interior shall enter into, or modify, such*  
15        *agreements with the Sacramento Area Flood*  
16        *Control Agency regarding the operation of*  
17        *Folsom Dam and reservoir as may be nec-*  
18        *essary in order that, notwithstanding any*  
19        *prior agreement or provision of law, 100*  
20        *percent of the water needed to make up for*  
21        *any water shortage caused by variable flood*  
22        *control operation during any year at Fol-*  
23        *som Dam and resulting in a significant im-*  
24        *pact on recreation at Folsom Reservoir shall*  
25        *be replaced, to the extent the water is avail-*

1           able for purchase, by the Secretary of the  
2           Interior.

3           (ii) *COST SHARING.*—Seventy-five per-  
4           cent of the costs of the replacement water  
5           provided under clause (i) shall be paid for  
6           on a non-reimbursable basis by the Sec-  
7           retary of the Interior at Federal expense.  
8           The remaining 25 percent of such costs shall  
9           be provided by the Sacramento Area Flood  
10          Control Agency.

11          (iii) *LIMITATION.*—To the extent that  
12          any funds in excess of the non-Federal share  
13          are provided by the Sacramento Area Flood  
14          Control Agency, the Secretary shall reim-  
15          burse such non-Federal interests for such ex-  
16          cess funds. Costs for replacement water may  
17          not exceed 125 percent of the current aver-  
18          age market price for raw water, as deter-  
19          mined by the Secretary of the Interior.

20          (E) *SIGNIFICANT IMPACT ON RECRE-*  
21          *ATION.*—For the purposes of this paragraph, a  
22          significant impact on recreation is defined as  
23          any impact that results in a lake elevation at  
24          Folsom Reservoir below 435 feet above sea level

1       *starting on May 15 and ending on September 15*  
2       *of any given year.*

3               (F) *EVALUATION.—For purposes of this*  
4       *paragraph, in evaluating the impacts on recre-*  
5       *ation at Folsom Reservoir caused by the variable*  
6       *flood control operation of Folsom Dam, the Sec-*  
7       *retary shall take into consideration the effect of*  
8       *measures authorized by section 581(b) of this*  
9       *Act.*

10           (5) *SOUTH SACRAMENTO COUNTY STREAMS,*  
11       *CALIFORNIA.—The project for flood control, environ-*  
12       *mental restoration and recreation, South Sacramento*  
13       *County streams, California: Report of the Chief of*  
14       *Engineers dated October 6, 1998, at a total cost of*  
15       *\$65,500,000, with an estimated Federal cost of*  
16       *\$41,200,000 and an estimated non-Federal cost of*  
17       *\$24,300,000.*

18           (6) *UPPER GUADALUPE RIVER, CALIFORNIA.—*  
19       *The project for flood control and recreation, Upper*  
20       *Guadalupe River, California: Locally Preferred Plan*  
21       *(known as the “Bypass Channel Plan”), Report of the*  
22       *Chief of Engineers dated August 19, 1998, at a total*  
23       *cost of \$140,285,000, with an estimated Federal cost*  
24       *of \$44,000,000 and an estimated non-Federal cost of*  
25       *\$96,285,000.*

1           (7) *YUBA RIVER BASIN, CALIFORNIA.—The*  
2           *project for flood control, Yuba River Basin, Cali-*  
3           *fornia: Report of the Chief of Engineers dated Novem-*  
4           *ber 25, 1998, at a total cost of \$26,600,000, with an*  
5           *estimated Federal cost of \$17,350,000 and an esti-*  
6           *mated non-Federal cost of \$9,250,000.*

7           (8) *DELAWARE BAY COASTLINE, DELAWARE AND*  
8           *NEW JERSEY-BROADKILL BEACH, DELAWARE.—The*  
9           *project for hurricane and storm damage reduction,*  
10          *Delaware Bay coastline, Delaware and New Jersey-*  
11          *Broadkill Beach, Delaware: Report of the Chief of En-*  
12          *gineers dated August 17, 1998, at a total cost of*  
13          *\$9,049,000, with an estimated Federal cost of*  
14          *\$5,674,000 and an estimated non-Federal cost of*  
15          *\$3,375,000, and at an estimated average annual cost*  
16          *of \$538,200 for periodic nourishment over the 50-year*  
17          *life of the project, with an estimated annual Federal*  
18          *cost of \$349,800 and an estimated annual non-Fed-*  
19          *eral cost of \$188,400.*

20          (9) *DELAWARE BAY COASTLINE, DELAWARE AND*  
21          *NEW JERSEY-PORT MAHON, DELAWARE.—The project*  
22          *for ecosystem restoration, Delaware Bay coastline,*  
23          *Delaware and New Jersey-Port Mahon, Delaware: Re-*  
24          *port of the Chief of Engineers dated September 28,*  
25          *1998, at a total cost of \$7,644,000, with an estimated*

1 *Federal cost of \$4,969,000 and an estimated non-Fed-*  
 2 *eral cost of \$2,675,000, and at an estimated average*  
 3 *annual cost of \$234,000 for periodic nourishment over*  
 4 *the 50-year life of the project, with an estimated an-*  
 5 *ual Federal cost of \$152,000 and an estimated an-*  
 6 *ual non-Federal cost of \$82,000.*

7 (10) *DELAWARE BAY COASTLINE, DELAWARE AND*  
 8 *NEW JERSEY-ROOSEVELT INLET-LEWES BEACH, DELA-*  
 9 *WARE.—The project for navigation mitigation and*  
 10 *hurricane and storm damage reduction, Delaware*  
 11 *Bay coastline, Delaware and New Jersey-Roosevelt*  
 12 *Inlet-Lewes Beach, Delaware: Report of the Chief of*  
 13 *Engineers dated February 3, 1999, at a total cost of*  
 14 *\$3,393,000, with an estimated Federal cost of*  
 15 *\$2,620,000 and an estimated non-Federal cost of*  
 16 *\$773,000, and at an estimated average annual cost*  
 17 *of \$196,000 for periodic nourishment over the 50-year*  
 18 *life of the project, with an estimated annual Federal*  
 19 *cost of \$152,000 and an estimated annual non-Fed-*  
 20 *eral cost of \$44,000.*

21 (11) *JACKSONVILLE HARBOR, FLORIDA.—*

22 (A) *IN GENERAL.—The project for naviga-*  
 23 *tion, Jacksonville Harbor, Florida: Report of the*  
 24 *Chief of Engineers April 21, 1999, at a total cost*  
 25 *of \$26,116,000, with an estimated Federal cost of*

1           \$9,129,000 and an estimated non-Federal cost of  
2           \$16,987,000.

3           (B) *SPECIAL RULE.*—Notwithstanding sub-  
4           paragraph (A), the Secretary may construct the  
5           project to a depth of 40 feet if the non-Federal  
6           interest agrees to pay any additional costs above  
7           those for the recommended plan.

8           (12) *TAMPA HARBOR-BIG BEND CHANNEL, FLOR-*  
9           *IDA.*—The project for navigation, Tampa Harbor-Big  
10          *Bend Channel, Florida: Report of the Chief of Engi-*  
11          *neers dated October 13, 1998, at a total cost of*  
12          *\$9,356,000, with an estimated Federal cost of*  
13          *\$6,235,000 and an estimated non-Federal cost of*  
14          *\$3,121,000.*

15          (13) *BRUNSWICK HARBOR, GEORGIA.*—The  
16          project for navigation, Brunswick Harbor, Georgia:  
17          *Report of the Chief of Engineers dated October 6,*  
18          *1998, at a total cost of \$50,717,000, with an estimate*  
19          *Federal cost of \$32,966,000 and an estimated non-*  
20          *Federal cost of \$17,751,000.*

21          (14) *BEARGRASS CREEK, KENTUCKY.*—The  
22          project for flood control, Beargrass Creek, Kentucky:  
23          *Report of the Chief of Engineers, dated May 12, 1998,*  
24          *at a total cost of \$11,171,300, with an estimated Fed-*

1        *eral cost of \$7,261,500 and an estimated non-Federal*  
2        *cost of \$3,909,800.*

3            (15) *AMITE RIVER AND TRIBUTARIES, LOU-*  
4        *ISIANA.—The project for flood control, Amite River*  
5        *and tributaries, Louisiana: Report of the Chief of En-*  
6        *gineers dated December 23, 1996, at a total cost of*  
7        *\$112,900,000, with an estimated Federal cost of*  
8        *\$84,675,000 and an estimated non-Federal cost of*  
9        *\$28,225,000. Cost sharing for the project shall be de-*  
10       *termined in accordance with section 103(a) of the*  
11       *Water Resources Development Act of 1986 (33 U.S.C.*  
12       *2213), as in effect on October 11, 1996.*

13           (16) *BALTIMORE HARBOR ANCHORAGES AND*  
14        *CHANNELS, MARYLAND AND VIRGINIA.—The project for*  
15        *navigation, Baltimore harbor anchorages and chan-*  
16        *nels, Maryland and Virginia: Report of the Chief of*  
17        *Engineers, dated June 8, 1998, at a total cost of*  
18        *\$28,430,000, with an estimated Federal cost of*  
19        *\$19,000,000 and an estimated non-Federal cost of*  
20        *\$9,430,000.*

21           (17) *RED RIVER LAKE AT CROOKSTON, MIN-*  
22        *NESOTA.—The project for flood control, Red River*  
23        *Lake at Crookston, Minnesota: Report of the Chief of*  
24        *Engineers, dated April 20, 1998, at a total cost of*  
25        *\$8,950,000, with an estimated Federal cost of*



1       \$5,720,000 and an estimated non-Federal cost of  
2       \$3,230,000.

3           (18) *LOWER CAPE MAY MEADOWS, CAPE MAY*  
4       *POINT, NEW JERSEY.—The project for navigation*  
5       *mitigation, ecosystem restoration, and hurricane and*  
6       *storm damage reduction, Lower Cape May Meadows,*  
7       *Cape May Point, New Jersey: Report of the Chief of*  
8       *Engineers dated April 5, 1999, at a total cost of*  
9       *\$15,952,000, with an estimated Federal cost of*  
10       *\$12,118,000 and an estimated non-Federal cost of*  
11       *\$3,834,000, and at an estimated average annual cost*  
12       *of \$1,114,000 for periodic nourishment over the 50-*  
13       *year life of the project, with an estimated annual*  
14       *Federal cost of \$897,000 and an estimated annual*  
15       *non-Federal cost of \$217,000.*

16           (19) *NEW JERSEY SHORE PROTECTION: TOWN-*  
17       *SENDS INLET TO CAPE MAY INLET, NEW JERSEY.—*  
18       *The project for hurricane and storm damage reduc-*  
19       *tion and ecosystem restoration, New Jersey Shore*  
20       *Protection: Townsends Inlet to Cape May Inlet, New*  
21       *Jersey: Report of the Chief of Engineers dated Sep-*  
22       *tember 28, 1998, at a total cost of \$56,503,000, with*  
23       *an estimated Federal cost of \$36,727,000 and an esti-*  
24       *mated non-Federal cost of \$19,776,000, and at an es-*  
25       *timated average annual cost of \$2,000,000 for peri-*

1        *odic nourishment over the 50-year life of the project,*  
2        *with an estimated annual Federal cost of \$1,300,000*  
3        *and an estimated annual non-Federal cost of*  
4        *\$700,000.*

5            (20) *GUANAJIBO RIVER, PUERTO RICO.—The*  
6        *project for flood control, Guanajibo River, Puerto*  
7        *Rico: Report of the Chief of Engineers, dated Feb-*  
8        *ruary 27, 1996, at a total cost of \$27,031,000, with*  
9        *an estimated Federal cost of \$20,273,250 and an esti-*  
10       *mated non-Federal cost of \$6,757,750. Cost sharing*  
11       *for the project shall be determined in accordance with*  
12       *section 103(a) of the Water Resources Development*  
13       *Act 1986 (33 U.S.C. 2213) as in effect on October*  
14       *11, 1986.*

15           (21) *RIO GRANDE DE MANATI, BARCELONETA,*  
16        *PUERTO RICO.—The project for flood control, Rio*  
17        *Grande De Manati, Barceloneta, Puerto Rico: Report*  
18        *of the Chief of Engineers, dated January 22, 1999, at*  
19        *a total cost of \$13,491,000, with an estimated Federal*  
20        *cost of \$8,785,000 and an estimated non-Federal cost*  
21        *of \$4,706,000.*

22           (22) *RIO NIGUA AT SALINAS, PUERTO RICO.—The*  
23        *project for flood control, Rio Nigua at Salinas, Puerto*  
24        *Rico: Report of the Chief of Engineers, dated April*  
25        *15, 1997, at a total cost of \$13,702,000, with an esti-*

1        *mated Federal cost of \$7,645,000 and an estimated*  
2        *non-Federal cost of \$6,057,000.*

3            (23) *SALT CREEK, GRAHAM, TEXAS.—The project*  
4        *for flood control, environmental restoration and recre-*  
5        *ation, Salt Creek, Graham, Texas: Report of the Chief*  
6        *of Engineers dated October 6, 1998, at a total cost of*  
7        *\$10,080,000, with an estimated Federal cost of*  
8        *\$6,560,000 and an estimated non-Federal cost of*  
9        *\$3,520,000.*

10        (b) *PROJECTS SUBJECT TO REPORT.—The following*  
11        *projects for water resources development and conservation*  
12        *and other purposes are authorized to be carried out by the*  
13        *Secretary substantially in accordance with the plans, and*  
14        *subject to the conditions, recommended in a final report of*  
15        *the Corps of Engineers, if the report is completed not later*  
16        *than September 30, 1999.*

17            (1) *NOME, ALASKA.—The project for navigation,*  
18        *Nome, Alaska, at a total cost of \$24,608,000, with an*  
19        *estimated Federal cost of \$19,660,000 and an esti-*  
20        *mated non-Federal cost of \$4,948,000.*

21            (2) *SEWARD HARBOR, ALASKA.—The project for*  
22        *navigation, Seward Harbor, Alaska, at a total cost of*  
23        *\$12,240,000, with an estimated Federal cost of*  
24        *\$4,364,000 and an estimated non-Federal cost of*  
25        *\$7,876,000.*

1           (3) *HAMILTON AIRFIELD, CALIFORNIA.—The*  
2           *project for wetlands restoration, Hamilton Airfield,*  
3           *California, at a total cost of \$55,200,000, with an es-*  
4           *timated Federal cost of \$41,400,000 and an estimated*  
5           *non-Federal cost of \$13,800,000.*

6           (4) *OAKLAND HARBOR, CALIFORNIA.—The project*  
7           *for navigation, Oakland Harbor, California, at a*  
8           *total cost of \$256,650,000, with an estimated Federal*  
9           *cost of \$143,450,000 and an estimated non-Federal*  
10          *cost of \$113,200,000.*

11          (5) *DELAWARE BAY COASTLINE, DELAWARE AND*  
12          *NEW JERSEY: REEDS BEACH AND PIERCES POINT,*  
13          *NEW JERSEY.—The project for shore protection and*  
14          *ecosystem restoration, Delaware Bay Coastline, Dela-*  
15          *ware and New Jersey: Reeds Beach and Pierces*  
16          *Point, New Jersey, at a total cost of \$4,057,000, with*  
17          *an estimated Federal cost of \$2,637,000 and an esti-*  
18          *mated non-Federal cost of \$1,420,000.*

19          (6) *DELAWARE BAY COASTLINE, DELAWARE AND*  
20          *NEW JERSEY: VILLAS AND VICINITY, NEW JERSEY.—*  
21          *The project for shore protection and ecosystem res-*  
22          *toration, Delaware Bay Coastline, Delaware and New*  
23          *Jersey: Villas and Vicinity, New Jersey, at a total*  
24          *cost of \$7,520,000, with an estimated Federal cost of*

1       \$4,888,000 and an estimated non-Federal cost of  
2       \$2,632,000.

3               (7) *DELAWARE COAST FROM CAPE HENELOPEN*  
4       *TO FENWICK ISLAND, BETHANY BEACH/SOUTH BETH-*  
5       *ANY BEACH, DELAWARE.—The project for hurricane*  
6       *and storm damage reduction, Delaware Coast from*  
7       *Cape Henelopen to Fenwick Island, Bethany Beach/*  
8       *South Bethany Beach, Delaware, at a total cost of*  
9       *\$22,205,000, with an estimated Federal cost of*  
10       *\$14,433,000 and an estimated non-Federal cost of*  
11       *\$7,772,000, and at an estimated average annual cost*  
12       *of \$1,584,000 for periodic nourishment over the 50-*  
13       *year life of the project, with an estimated annual*  
14       *Federal cost of \$1,030,000 and an estimated annual*  
15       *non-Federal cost of \$554,000.*

16              (8) *LITTLE TALBOT ISLAND, DUVAL COUNTY,*  
17       *FLORIDA.—The project for hurricane and storm dam-*  
18       *age prevention, Little Talbot Island, Duval County,*  
19       *Florida, at a total cost of \$5,915,000, with an esti-*  
20       *mated Federal cost of \$3,839,000 and an estimated*  
21       *non-Federal cost of \$2,076,000.*

22              (9) *PONCE DE LEON INLET, FLORIDA.—The*  
23       *project for navigation and related purposes, Ponce de*  
24       *Leon Inlet, Volusia County, Florida, at a total cost*  
25       *of \$5,454,000, with an estimated Federal cost of*

1       \$2,988,000 and an estimated non-Federal cost of  
2       \$2,466,000.

3           (10) SAVANNAH HARBOR EXPANSION, GEOR-  
4       GIA.—

5                   (A) IN GENERAL.—Subject to subparagraph  
6       (B), the project for navigation, Savannah Har-  
7       bor expansion, Georgia, including implementa-  
8       tion of the mitigation plan, with such modifica-  
9       tions as the Secretary deems appropriate, at a  
10      total cost of \$230,174,000 (of which amount a  
11      portion is authorized for implementation of the  
12      mitigation plan), with an estimated Federal cost  
13      of \$145,160,000 and an estimated non-Federal  
14      cost of \$85,014,000.

15                  (B) CONDITIONS.—The project authorized  
16      by subparagraph (A) may be carried out only  
17      after—

18                   (i) the Secretary, in consultation with  
19      affected Federal, State of Georgia, State of  
20      South Carolina, regional, and local entities,  
21      has reviewed and approved an environ-  
22      mental impact statement for the project that  
23      includes—

1                   (I) *an analysis of the impacts of*  
2                   *project depth alternatives ranging from*  
3                   *42 feet through 48 feet; and*

4                   (II) *a selected plan for navigation*  
5                   *and an associated mitigation plan as*  
6                   *required by section 906(a) of the Water*  
7                   *Resources Development Act of 1986 (33*  
8                   *U.S.C. 2283); and*

9                   (ii) *the Secretary of the Interior, the*  
10                  *Secretary of Commerce, the Administrator*  
11                  *of the Environmental Protection Agency,*  
12                  *and the Secretary have approved the se-*  
13                  *lected plan and have determined that the*  
14                  *mitigation plan adequately addresses the*  
15                  *potential environmental impacts of the*  
16                  *project.*

17                  (C) *MITIGATION REQUIREMENTS.—The*  
18                  *mitigation plan shall be implemented in advance*  
19                  *of or concurrently with construction of the*  
20                  *project.*

21                  (11) *DES PLAINES RIVER, ILLINOIS.—The project*  
22                  *for flood control, Des Plaines River, Illinois, at a*  
23                  *total cost of \$44,300,000 with an estimated Federal*  
24                  *cost of \$28,800,000 and an estimated non-Federal cost*  
25                  *of \$15,500,000.*

1           (12) *NEW JERSEY SHORE PROTECTION, BRIGAN-*  
2           *TINE INLET TO GREAT EGG HARBOR, BRIGANTINE IS-*  
3           *LAND, NEW JERSEY.—The project for hurricane and*  
4           *storm damage reduction, New Jersey shore protection,*  
5           *Brigantine Inlet to Great Egg Harbor, Brigantine Is-*  
6           *land, New Jersey, at a total cost of \$4,970,000, with*  
7           *an estimated Federal cost of \$3,230,000 and an esti-*  
8           *mated non-Federal cost of \$1,740,000, and at an esti-*  
9           *mated average annual cost of \$465,000 for periodic*  
10          *nourishment over the 50-year life of the project, with*  
11          *an estimated annual Federal cost of \$302,000 and an*  
12          *estimated annual non-Federal cost of \$163,000.*

13          (13) *COLUMBIA RIVER CHANNEL, OREGON AND*  
14          *WASHINGTON.—The project for navigation, Columbia*  
15          *River Channel, Oregon and Washington, at a total*  
16          *cost of \$183,623,000 with an estimated Federal cost*  
17          *\$106,132,000 and an estimated non-Federal cost of*  
18          *\$77,491,000.*

19          (14) *JOHNSON CREEK, ARLINGTON, TEXAS.—The*  
20          *locally preferred project for flood control, Johnson*  
21          *Creek, Arlington, Texas, at a total cost of*  
22          *\$20,300,000, with an estimated Federal cost of*  
23          *\$12,000,000 and an estimated non-Federal cost of*  
24          *\$8,300,000.*



1           (15) *HOWARD HANSON DAM, WASHINGTON.—The*  
 2           *project for water supply and ecosystem restoration,*  
 3           *Howard Hanson Dam, Washington, at a total cost of*  
 4           *\$75,600,000, with an estimated Federal cost of*  
 5           *\$36,900,000 and an estimated non-Federal cost of*  
 6           *\$38,700,000.*

7   **SEC. 102. SMALL FLOOD CONTROL PROJECTS.**

8           (a) *IN GENERAL.—The Secretary shall conduct a*  
 9           *study for each of the following projects and, after completion*  
 10          *of such study, shall carry out the project under section 205*  
 11          *of the Flood Control Act of 1948 (33 U.S.C. 701s):*

12           (1) *LANCASTER, CALIFORNIA.—Project for flood*  
 13           *control, Lancaster, California, westside stormwater*  
 14           *retention facility.*

15           (2) *GATEWAY TRIANGLE AREA, FLORIDA.—*  
 16           *Project for flood control, Gateway Triangle area, Col-*  
 17           *lier County, Florida.*

18           (3) *PLANT CITY, FLORIDA.—Project for flood con-*  
 19           *trol, Plant City, Florida.*

20           (4) *STONE ISLAND, LAKE MONROE, FLORIDA.—*  
 21           *Project for flood control, Stone Island, Lake Monroe,*  
 22           *Florida.*

23           (5) *OHIO RIVER, ILLINOIS.—Project for flood*  
 24           *control, Ohio River, Illinois.*

1           (6) *REPAUPO CREEK, NEW JERSEY.—Project for*  
2 *flood control, Repaupo Creek, New Jersey.*

3           (7) *OWASCO LAKE SEAWALL, NEW YORK.—*  
4 *Project for flood control, Owasco Lake seawall, New*  
5 *York.*

6           (8) *PORT CLINTON, OHIO.—Project for flood con-*  
7 *trol, Port Clinton, Ohio.*

8           (9) *NORTH CANADIAN RIVER, OKLAHOMA.—*  
9 *Project for flood control, North Canadian River, Okla-*  
10 *homa.*

11          (10) *ABINGTON TOWNSHIP, PENNSYLVANIA.—*  
12 *Project for flood control, Baeder and Wanamaker*  
13 *Roads, Abington Township, Pennsylvania.*

14          (11) *PORT INDIAN, WEST NORRITON TOWNSHIP,*  
15 *MONTGOMERY COUNTY, PENNSYLVANIA.—Project for*  
16 *flood control, Port Indian, West Norriton Township,*  
17 *Montgomery County, Pennsylvania.*

18          (12) *PORT PROVIDENCE, UPPER PROVIDENCE*  
19 *TOWNSHIP, PENNSYLVANIA.—Project for flood control,*  
20 *Port Providence, Upper Providence Township, Penn-*  
21 *sylvania.*

22          (13) *SPRINGFIELD TOWNSHIP, MONTGOMERY*  
23 *COUNTY, PENNSYLVANIA.—Project for flood control,*  
24 *Springfield Township, Montgomery County, Pennsyl-*  
25 *vania.*

1           (14) *FIRST CREEK, KNOXVILLE, TENNESSEE.—*  
 2           *Project for flood control, First Creek, Knoxville, Ten-*  
 3           *nessee.*

4           (15) *METRO CENTER LEVEE, CUMBERLAND*  
 5           *RIVER, NASHVILLE, TENNESSEE.—Project for flood*  
 6           *control, Metro Center Levee, Cumberland River, Nash-*  
 7           *ville, Tennessee.*

8           (b) *FESTUS AND CRYSTAL CITY, MISSOURI.—*

9           (1) *MAXIMUM FEDERAL EXPENDITURE.—The*  
 10          *maximum amount of Federal funds that may be ex-*  
 11          *pended for the project for flood control, Festus and*  
 12          *Crystal City, Missouri, shall be \$10,000,000.*

13          (2) *REVISION OF PROJECT COOPERATION AGREE-*  
 14          *MENT.—The Secretary shall revise the project coopera-*  
 15          *tion agreement for the project referred to in para-*  
 16          *graph (1) to take into account the change in the Fed-*  
 17          *eral participation in such project pursuant to para-*  
 18          *graph (1).*

19          (3) *COST SHARING.—Nothing in this section*  
 20          *shall be construed to affect any cost-sharing require-*  
 21          *ment applicable to the project referred to in para-*  
 22          *graph (1) under the Water Resources Development Act*  
 23          *of 1986.*

1 **SEC. 103. SMALL BANK STABILIZATION PROJECTS.**

2       *The Secretary shall conduct a study for each of the*  
3 *following projects and, after completion of such study, shall*  
4 *carry out the project under section 14 of the Flood Control*  
5 *Act of 1946 (33 U.S.C. 701r):*

6           (1) *SAINT JOSEPH RIVER, INDIANA.—Project for*  
7 *streambank erosion control, Saint Joseph River, Indi-*  
8 *ana.*

9           (2) *SAGINAW RIVER, BAY CITY, MICHIGAN.—*  
10 *Project for streambank erosion control, Saginaw*  
11 *River, Bay City, Michigan.*

12           (3) *BIG TIMBER CREEK, NEW JERSEY.—Project*  
13 *for streambank erosion control, Big Timber Creek,*  
14 *New Jersey.*

15           (4) *LAKE SHORE ROAD, ATHOL SPRINGS, NEW*  
16 *YORK.—Project for streambank erosion control, Lake*  
17 *Shore Road, Athol Springs, New York.*

18           (5) *MARIST COLLEGE, POUGHKEEPSIE, NEW*  
19 *YORK.—Project for streambank erosion control, Marist*  
20 *College, Poughkeepsie, New York.*

21           (6) *MONROE COUNTY, OHIO.—Project for*  
22 *streambank erosion control, Monroe County, Ohio.*

23           (7) *GREEN VALLEY, WEST VIRGINIA.—Project for*  
24 *streambank erosion control, Green Valley, West Vir-*  
25 *ginia.*

1 **SEC. 104. SMALL NAVIGATION PROJECTS.**

2       *The Secretary shall conduct a study for each of the*  
 3 *following projects and, after completion of such study, shall*  
 4 *carry out the project under section 107 of the River and*  
 5 *Harbor Act of 1960 (33 U.S.C. 577):*

6           (1) *GRAND MARAIS, ARKANSAS.—Project for*  
 7 *navigation, Grand Marais, Arkansas.*

8           (2) *FIELDS LANDING CHANNEL, HUMBOLDT HAR-*  
 9 *BOR, CALIFORNIA.—Project for navigation, Fields*  
 10 *Landing Channel, Humboldt Harbor, California.*

11          (3) *SAN MATEO (PILLAR POINT HARBOR), CALI-*  
 12 *FORNIA.—Project for navigation San Mateo (Pillar*  
 13 *Point Harbor), California.*

14          (4) *AGANA MARINA, GUAM.—Project for naviga-*  
 15 *tion, Agana Marina, Guam.*

16          (5) *AGAT MARINA, GUAM.—Project for naviga-*  
 17 *tion, Agat Marina, Guam.*

18          (6) *APRA HARBOR FUEL PIERS, GUAM.—Project*  
 19 *for navigation, Apra Harbor Fuel Piers, Guam.*

20          (7) *APRA HARBOR PIER F-6, GUAM.—Project for*  
 21 *navigation, Apra Harbor Pier F-6, Guam.*

22          (8) *APRA HARBOR SEAWALL, GUAM.—Project for*  
 23 *navigation including a seawall, Apra Harbor, Guam.*

24          (9) *GUAM HARBOR, GUAM.—Project for naviga-*  
 25 *tion, Guam Harbor, Guam.*

1           (10) *ILLINOIS RIVER NEAR CHAUTAUQUA PARK,*  
 2           *ILLINOIS.—Project for navigation, Illinois River near*  
 3           *Chautauqua Park, Illinois.*

4           (11) *WHITING SHORELINE WATERFRONT, WHIT-*  
 5           *ING, INDIANA.—Project for navigation, Whiting*  
 6           *Shoreline Waterfront, Whiting, Indiana.*

7           (12) *NARAGUAGUS RIVER, MACHIAS, MAINE.—*  
 8           *Project for navigation, Naraguagus River, Machias,*  
 9           *Maine.*

10          (13) *UNION RIVER, ELLSWORTH, MAINE.—Project*  
 11          *for navigation, Union River, Ellsworth, Maine.*

12          (14) *DETROIT WATERFRONT, MICHIGAN.—Project*  
 13          *for navigation, Detroit River, Michigan, including*  
 14          *dredging and removal of a reef.*

15          (15) *FORTESCUE INLET, DELAWARE BAY, NEW*  
 16          *JERSEY.—Project for navigation for Fortescue Inlet,*  
 17          *Delaware Bay, New Jersey.*

18          (16) *BUFFALO AND LASALLE PARK, NEW YORK.—*  
 19          *Project for navigation, Buffalo and LaSalle Park,*  
 20          *New York.*

21          (17) *STURGEON POINT, NEW YORK.—Project for*  
 22          *navigation, Sturgeon Point, New York.*

1 **SEC. 105. SMALL PROJECTS FOR IMPROVEMENT OF THE EN-**  
 2 **VIRONMENT.**

3 (a) *IN GENERAL.*—*The Secretary shall conduct a*  
 4 *study for each of the following projects and, after completion*  
 5 *of such study, shall carry out the project under section 1135*  
 6 *of the Water Resources Development Act of 1986 (33 U.S.C.*  
 7 *2309a):*

8 (1) *ILLINOIS RIVER IN THE VICINITY OF HAVANA,*  
 9 *ILLINOIS.*—*Project for the improvement of the envi-*  
 10 *ronment, Illinois River in the vicinity of Havana, Il-*  
 11 *linois.*

12 (2) *KNITTING MILL CREEK, VIRGINIA.*—*Project*  
 13 *for the improvement of the environment, Knitting*  
 14 *Mill Creek, Virginia.*

15 (b) *PINE FLAT DAM, KINGS RIVER, CALIFORNIA.*—*The*  
 16 *Secretary shall carry out under section 1135(a) of the Water*  
 17 *Resources Development Act of 1986 (33 U.S.C. 2309a(a))*  
 18 *a project to construct a turbine bypass at Pine Flat Dam,*  
 19 *Kings River, California, in accordance with the Project*  
 20 *Modification Report and Environmental Assessment dated*  
 21 *September 1996.*

22 **SEC. 106. SMALL AQUATIC ECOSYSTEM RESTORATION**  
 23 **PROJECTS.**

24 *The Secretary shall conduct a study for each of the*  
 25 *following projects and, after completion of such study, shall*

1 *carry out the project under section 206 of the Water Re-*  
2 *sources Development Act of 1996 (33 U.S.C. 2330):*

3 (1) *CONTRA COSTA COUNTY, BAY DELTA, CALI-*  
4 *FORNIA.—Project for aquatic ecosystem restoration,*  
5 *Contra Costa County, Bay Delta, California.*

6 (2) *INDIAN RIVER, FLORIDA.—Project for aquatic*  
7 *ecosystem restoration and lagoon restoration, Indian*  
8 *River, Florida.*

9 (3) *LITTLE WEKIVA RIVER, FLORIDA.—Project*  
10 *for aquatic ecosystem restoration and erosion control,*  
11 *Little Wekiva River, Florida.*

12 (4) *COOK COUNTY, ILLINOIS.—Project for aquatic*  
13 *ecosystem restoration and lagoon restoration and pro-*  
14 *tection, Cook County, Illinois.*

15 (5) *GRAND BATTURE ISLAND, MISSISSIPPI.—*  
16 *Project for aquatic ecosystem restoration, Grand*  
17 *Batture Island, Mississippi.*

18 (6) *HANCOCK, HARRISON, AND JACKSON COUN-*  
19 *TIES, MISSISSIPPI.—Project for aquatic ecosystem res-*  
20 *toration and reef restoration along the Gulf Coast,*  
21 *Hancock, Harrison, and Jackson Counties, Mis-*  
22 *sissippi.*

23 (7) *MISSISSIPPI RIVER AND RIVER DES PERES,*  
24 *ST. LOUIS, MISSOURI.—Project for aquatic ecosystem*



1        *restoration and recreation, Mississippi River and*  
 2        *River Des Peres, St. Louis, Missouri.*

3            (8) *HUDSON RIVER, NEW YORK.—Project for*  
 4        *aquatic ecosystem restoration, Hudson River, New*  
 5        *York.*

6            (9) *ONEIDA LAKE, NEW YORK.—Project for*  
 7        *aquatic ecosystem restoration, Oneida Lake, Oneida*  
 8        *County, New York.*

9            (10) *OTSEGO LAKE, NEW YORK.—Project for*  
 10       *aquatic ecosystem restoration, Otsego Lake, Otsego*  
 11       *County, New York.*

12           (11) *NORTH FORK OF YELLOW CREEK, OHIO.—*  
 13       *Project for aquatic ecosystem restoration, North Fork*  
 14       *of Yellow Creek, Ohio.*

15           (12) *WHEELING CREEK WATERSHED, OHIO.—*  
 16       *Project for aquatic ecosystem restoration, Wheeling*  
 17       *Creek watershed, Ohio.*

18           (13) *SPRINGFIELD MILLRACE, OREGON.—Project*  
 19       *for aquatic ecosystem restoration, Springfield Mill-*  
 20       *race, Oregon.*

21           (14) *UPPER AMAZON CREEK, OREGON.—Project*  
 22       *for aquatic ecosystem restoration, Upper Amazon*  
 23       *Creek, Oregon.*

24           (15) *LAKE ONTELAUNEE RESERVOIR, BERKS*  
 25       *COUNTY, PENNSYLVANIA.—Project for aquatic eco-*

1        *system restoration and distilling pond facilities, Lake*  
 2        *Ontelaunee Reservoir, Berks County, Pennsylvania.*

3                (16) *BLACKSTONE RIVER BASIN, RHODE ISLAND*  
 4        *AND MASSACHUSETTS.—Project for aquatic ecosystem*  
 5        *restoration and fish passage facilities, Blackstone*  
 6        *River Basin, Rhode Island and Massachusetts.*

## 7    ***TITLE II—GENERAL PROVISIONS***

### 8    ***SEC. 201. SMALL FLOOD CONTROL AUTHORITY.***

9        *Section 205 of the Flood Control Act of 1948 (33*  
 10    *U.S.C. 701s) is amended—*

11                (1) *by striking “construction of small projects”*  
 12        *and inserting “implementation of small structural*  
 13        *and nonstructural projects”; and*

14                (2) *by striking “\$5,000,000” and inserting*  
 15        *“\$7,000,000”.*

### 16    ***SEC. 202. USE OF NON-FEDERAL FUNDS FOR COMPILING*** 17                ***AND DISSEMINATING INFORMATION ON*** 18                ***FLOODS AND FLOOD DAMAGES.***

19        *The last sentence of section 206(b) of the Flood Control*  
 20    *Act of 1960 (33 U.S.C. 709a(b)) is amended by inserting*  
 21    *before the period the following: “; except that this limitation*  
 22    *on fees shall not apply to funds voluntarily contributed by*  
 23    *such entities for the purpose of expanding the scope of the*  
 24    *services requested by such entities”.*

1 **SEC. 203. CONTRIBUTIONS BY STATES AND POLITICAL SUB-**  
 2 **DIVISIONS.**

3 *Section 5 of the Flood Control Act of June 22, 1936*  
 4 *(33 U.S.C. 701h), is amended by inserting “or environ-*  
 5 *mental restoration” after “flood control”.*

6 **SEC. 204. SEDIMENT DECONTAMINATION TECHNOLOGY.**

7 *Section 405 of the Water Resources Development Act*  
 8 *of 1992 (33 U.S.C. 2239 note; 106 Stat. 4863) is amended—*

9 *(1) by adding at the end of subsection (a) the fol-*  
 10 *lowing:*

11 *“(4) PRACTICAL END-USE PRODUCTS.—Tech-*  
 12 *nologies selected for demonstration at the pilot scale*  
 13 *shall be intended to result in practical end-use prod-*  
 14 *ucts.*

15 *“(5) ASSISTANCE BY THE SECRETARY.—The Sec-*  
 16 *retary shall assist the project to ensure expeditious*  
 17 *completion by providing sufficient quantities of con-*  
 18 *taminated dredged material to conduct the full-scale*  
 19 *demonstrations to stated capacity.”;*

20 *(2) in subsection (c) by striking the first sentence*  
 21 *and inserting the following: “There is authorized to be*  
 22 *appropriated to carry out this section \$22,000,000 to*  
 23 *complete technology testing, technology commer-*  
 24 *cialization, and the development of full scale proc-*  
 25 *essing facilities within the New York/New Jersey Har-*  
 26 *bor.”; and*

1           (3) *by adding at the end the following:*

2           “(e) *SUPPORT.—In carrying out the program under*  
 3 *this section, the Secretary is encouraged to utilize contracts,*  
 4 *cooperative agreements, and grants with colleges and uni-*  
 5 *versities and other non-Federal entities.”.*

6 **SEC. 205. CONTROL OF AQUATIC PLANTS.**

7           *Section 104 of the River and Harbor Act of 1958 (33*  
 8 *U.S.C. 610) is amended—*

9           (1) *in subsection (a) by inserting “arundo,”*  
 10 *after “milfoil,”;*

11           (2) *in subsection (b) by striking “\$12,000,000”*  
 12 *and inserting “\$15,000,000.”; and*

13           (3) *by adding at the end the following:*

14           “(c) *SUPPORT.—In carrying out this program, the*  
 15 *Secretary is encouraged to utilize contracts, cooperative*  
 16 *agreements, and grants with colleges and universities and*  
 17 *other non-Federal entities.”.*

18 **SEC. 206. USE OF CONTINUING CONTRACTS REQUIRED FOR**

19 **CONSTRUCTION OF CERTAIN PROJECTS.**

20           (a) *IN GENERAL.—Notwithstanding any other provi-*  
 21 *sion of law, the Secretary shall not implement a fully allo-*  
 22 *cated funding policy with respect to a water resources*  
 23 *project if initiation of construction has occurred but suffi-*  
 24 *cient funds are not available to complete the project. The*

1 *Secretary shall enter into continuing contracts for such*  
 2 *project.*

3 *(b) INITIATION OF CONSTRUCTION CLARIFIED.—For*  
 4 *the purposes of this section, initiation of construction for*  
 5 *a project occurs on the date of enactment of an Act that*  
 6 *appropriates funds for the project from 1 of the following*  
 7 *appropriation accounts:*

8 *(1) Construction, General.*

9 *(2) Operation and Maintenance, General.*

10 *(3) Flood Control, Mississippi River and Tribu-*  
 11 *taries.*

12 **SEC. 207. SUPPORT OF ARMY CIVIL WORKS PROGRAM.**

13 *The requirements of section 2361 of title 10, United*  
 14 *States Code, shall not apply to any contract, cooperative*  
 15 *research and development agreement, cooperative agree-*  
 16 *ment, or grant entered into under section 229 of the Water*  
 17 *Resources Development Act of 1996 (110 Stat. 3703) be-*  
 18 *tween the Secretary and Marshall University or entered*  
 19 *into under section 350 of this Act between the Secretary*  
 20 *and Juniata College.*

21 **SEC. 208. WATER RESOURCES DEVELOPMENT STUDIES FOR**  
 22 **THE PACIFIC REGION.**

23 *Section 444 of the Water Resources Development Act*  
 24 *of 1996 (110 Stat. 3747) is amended by striking “interest*  
 25 *of navigation” and inserting “interests of water resources*

1 *development, including navigation, flood damage reduction,*  
 2 *and environmental restoration”.*

3 **SEC. 209. EVERGLADES AND SOUTH FLORIDA ECOSYSTEM**  
 4 **RESTORATION.**

5 *(a) PROGRAM EXTENSION.—Section 528(b)(3) of the*  
 6 *Water Resources Development Act of 1996 (110 Stat. 3769)*  
 7 *is amended—*

8 *(1) in subparagraph (B) by striking “1999” and*  
 9 *inserting “2000”; and*

10 *(2) in subparagraph (C)(i) by striking “1999”*  
 11 *and inserting “2003”.*

12 *(b) CREDIT.—Section 528(b)(3) of such Act is amend-*  
 13 *ed by adding at the end the following:*

14 *“(D) CREDIT OF PAST AND FUTURE ACTIVI-*  
 15 *TIES.—The Secretary may provide a credit to*  
 16 *the non-Federal interests toward the non-Federal*  
 17 *share of a project implemented under subpara-*  
 18 *graph (A). The credit shall be for reasonable*  
 19 *costs of work performed by the non-Federal inter-*  
 20 *ests if the Secretary determines that the work*  
 21 *substantially expedited completion of the project*  
 22 *and is compatible with and an integral part of*  
 23 *the project, and the credit is provided pursuant*  
 24 *to a specific project cooperation agreement.”.*

1       (c) *CALOOSAATCHEE RIVER BASIN, FLORIDA*.—Sec-  
 2       tion 528(e)(4) of such Act is amended by inserting before  
 3       the period at the end of the first sentence the following: “if  
 4       the Secretary determines that such land acquisition is com-  
 5       patible with and an integral component of the Everglades  
 6       and South Florida ecosystem restoration, including poten-  
 7       tial land acquisition in the Caloosahatchee River basin or  
 8       other areas”.

9       **SEC. 210. BENEFICIAL USES OF DREDGED MATERIAL.**

10       Section 204 of the Water Resources Development Act  
 11       of 1992 (106 Stat. 4826–4827) is amended—

12               (1) in subsection (c) by striking “cooperative  
 13       agreement in accordance with the requirements of sec-  
 14       tion 221 of the Flood Control Act of 1970” and insert-  
 15       ing “binding agreement with the Secretary”; and

16               (2) by adding at the end the following:

17       “(g) *NON-FEDERAL INTERESTS*.—Notwithstanding  
 18       section 221(b) of the Flood Control Act of 1968 (42 U.S.C.  
 19       1962d–5b(b)), the Secretary, after coordination with the ap-  
 20       propriate State and local government officials having juris-  
 21       diction over an area in which a project under this section  
 22       will be carried out, may allow a nonprofit entity to serve  
 23       as the non-Federal interest for the project.”.

1 **SEC. 211. HARBOR COST SHARING.**

2       (a) *IN GENERAL.*—Sections 101 and 214 of the Water  
3 *Resources Development Act of 1986 (33 U.S.C. 2211 and*  
4 *2241; P.L. 99–662) are amended by striking “45 feet” each*  
5 *place it appears and inserting “53 feet”.*

6       (b) *APPLICABILITY.*—The amendments made by sub-  
7 section (a) shall only apply to a project, or separable ele-  
8 ment thereof, on which a contract for physical construction  
9 has not been awarded before the date of enactment of this  
10 Act.

11 **SEC. 212. AQUATIC ECOSYSTEM RESTORATION.**

12       Section 206 of the Water Resources Development Act  
13 of 1996 (110 Stat. 3679–3680) is amended—

14           (1) by adding at the end of subsection (b) the fol-  
15 lowing: “Before October 1, 2003, the Federal share  
16 may be provided in the form of grants or reimburse-  
17 ments of project costs.”; and

18           (2) by adding at the end of subsection (c) the fol-  
19 lowing: “Notwithstanding section 221(b) of the Flood  
20 Control Act of 1970 (42 U.S.C. 1962d–5b(b)), the Sec-  
21 retary, after coordination with the appropriate State  
22 and local government officials having jurisdiction  
23 over an area in which a project under this section  
24 will be carried out, may allow a nonprofit entity to  
25 serve as the non-Federal interest for the project.”.



1 **SEC. 213. WATERSHED MANAGEMENT, RESTORATION, AND**  
 2 **DEVELOPMENT.**

3 (a) *NONPROFIT ENTITY AS NON-FEDERAL INTER-*  
 4 *EST.*—Section 503(a) of the Water Resources Development  
 5 Act of 1996 (110 Stat. 3756) is amended by adding at the  
 6 end the following: “Notwithstanding section 221(b) of the  
 7 Flood Control Act of 1970 (42 U.S.C. 1962d–5b(b)), the Sec-  
 8 retary, after coordination with the appropriate State and  
 9 local government officials having jurisdiction over an area  
 10 in which a project under this section will be carried out,  
 11 may allow a nonprofit entity to serve as the non-Federal  
 12 interest for the project.”.

13 (b) *PROJECT LOCATIONS.*—Section 503(d) of such Act  
 14 is amended—

15 (1) in paragraph (7) by inserting before the pe-  
 16 riod at the end “, including Clear Lake”; and

17 (2) by adding at the end the following:

18 “(14) Fresno Slough watershed, California.

19 “(15) Hayward Marsh, Southern San Francisco  
 20 Bay watershed, California.

21 “(16) Kaweah River watershed, California.

22 “(17) Malibu Creek watershed, California.

23 “(18) Illinois River watershed, Illinois.

24 “(19) Catawba River watershed, North Carolina.

25 “(20) Cabin Creek basin, West Virginia.

26 “(21) Lower St. Johns River basin, Florida.”.

1 **SEC. 214. FLOOD MITIGATION AND RIVERINE RESTORATION**  
2 **PILOT PROGRAM.**

3 (a) *IN GENERAL.*—*The Secretary may undertake a*  
4 *program for the purpose of conducting projects that reduce*  
5 *flood hazards and restore the natural functions and values*  
6 *of rivers throughout the United States.*

7 (b) *STUDIES AND PROJECTS.*—

8 (1) *AUTHORITY.*—*In carrying out the program,*  
9 *the Secretary may conduct studies to identify appro-*  
10 *priate flood damage reduction, conservation, and res-*  
11 *toration measures and may design and implement*  
12 *projects described in subsection (a).*

13 (2) *CONSULTATION AND COORDINATION.*—*The*  
14 *studies and projects carried out under this section*  
15 *shall be conducted, to the maximum extent prac-*  
16 *ticable, in consultation and coordination with the*  
17 *Federal Emergency Management Agency and other*  
18 *appropriate Federal agencies, and in consultation*  
19 *and coordination with appropriate State, tribal, and*  
20 *local agencies.*

21 (3) *NONSTRUCTURAL APPROACHES.*—*The studies*  
22 *and projects shall emphasize, to the maximum extent*  
23 *practicable and appropriate, nonstructural ap-*  
24 *proaches to preventing or reducing flood damages.*

25 (4) *USE OF STATE, TRIBAL, AND LOCAL STUDIES*  
26 *AND PROJECTS.*—*The studies and projects shall in-*

1 *clude consideration of and coordination with any*  
2 *State, tribal, and local flood damage reduction or*  
3 *riverine and wetland restoration studies and projects*  
4 *that conserve, restore, and manage hydrologic and hy-*  
5 *draulic regimes and restore the natural functions and*  
6 *values of floodplains.*

7 *(c) COST-SHARING REQUIREMENTS.—*

8 *(1) STUDIES.—Studies conducted under this sec-*  
9 *tion shall be subject to cost sharing in accordance*  
10 *with section 105 of the Water Resources Development*  
11 *Act of 1986 (33 U.S.C. 2215).*

12 *(2) ENVIRONMENTAL RESTORATION AND NON-*  
13 *STRUCTURAL FLOOD CONTROL PROJECTS.—The non-*  
14 *Federal interests shall pay 35 percent of the cost of*  
15 *any environmental restoration or nonstructural flood*  
16 *control project carried out under this section. The*  
17 *non-Federal interests shall provide all land, ease-*  
18 *ments, rights-of-way, dredged material disposal areas,*  
19 *and relocations necessary for such projects. The value*  
20 *of such land, easements, rights-of-way, dredged mate-*  
21 *rial disposal areas, and relocations shall be credited*  
22 *toward the payment required under this paragraph.*

23 *(3) STRUCTURAL FLOOD CONTROL PROJECTS.—*  
24 *Any structural flood control measures carried out*  
25 *under this section shall be subject to cost sharing in*

1 *accordance with section 103(a) of the Water Resources*  
 2 *Development Act of 1986 (33 U.S.C. 2213(a)).*

3 *(4) OPERATION AND MAINTENANCE.—The non-*  
 4 *Federal interests shall be responsible for all costs asso-*  
 5 *ciated with operating, maintaining, replacing, re-*  
 6 *pairing, and rehabilitating all projects carried out*  
 7 *under this section.*

8 *(d) PROJECT JUSTIFICATION.—*

9 *(1) IN GENERAL.—Notwithstanding any other*  
 10 *provision of law or requirement for economic jus-*  
 11 *tification established pursuant to section 209 of the*  
 12 *Flood Control Act of 1970 (42 U.S.C. 1962–2), the*  
 13 *Secretary may implement a project under this section*  
 14 *if the Secretary determines that the project—*

15 *(A) will significantly reduce potential flood*  
 16 *damages;*

17 *(B) will improve the quality of the environ-*  
 18 *ment; and*

19 *(C) is justified considering all costs and*  
 20 *beneficial outputs of the project.*

21 *(2) ESTABLISHMENT OF SELECTION AND RATING*  
 22 *CRITERIA AND POLICIES.—Not later than 180 days*  
 23 *after the date of enactment of this section, the Sec-*  
 24 *retary, in cooperation with State, tribal, and local*  
 25 *agencies, shall develop, and transmit to the Com-*

1        *mittee on Transportation and Infrastructure of the*  
 2        *House of Representatives and the Committee on Envi-*  
 3        *ronment and Public Works of the Senate, criteria for*  
 4        *selecting and rating projects to be carried out under*  
 5        *this section and shall establish policies and procedures*  
 6        *for carrying out the studies and projects undertaken*  
 7        *under this section. Such criteria shall include, as a*  
 8        *priority, the extent to which the appropriate State*  
 9        *government supports the project.*

10        *(e) PRIORITY AREAS.—In carrying out this section,*  
 11        *the Secretary shall examine the potential for flood damage*  
 12        *reductions at appropriate locations, including the fol-*  
 13        *lowing:*

14                *(1) Upper Delaware River, New York.*

15                *(2) Willamette River floodplain, Oregon.*

16                *(3) Pima County, Arizona, at Paseo De Las*  
 17        *Iglesias and Rillito River.*

18                *(4) Los Angeles and San Gabriel Rivers, Cali-*  
 19        *fornia.*

20                *(5) Murrieta Creek, California.*

21                *(6) Napa County, California, at Yountville, St.*  
 22        *Helena, Calistoga, and American Canyon.*

23                *(7) Santa Clara basin, California, at Upper*  
 24        *Guadalupe River and tributaries, San Francisquito*  
 25        *Creek, and Upper Penitencia Creek.*

1           (8) *Pine Mount Creek, New Jersey.*

2           (9) *Chagrin River, Ohio.*

3           (10) *Blair County, Pennsylvania, at Altoona*  
4 *and Frankstown Township.*

5           (11) *Lincoln Creek, Wisconsin.*

6       (f) *PROGRAM REVIEW.—*

7           (1) *IN GENERAL.—The program established*  
8 *under this section shall be subject to an independent*  
9 *review to evaluate the efficacy of the program in*  
10 *achieving the dual goals of flood hazard mitigation*  
11 *and riverine restoration.*

12          (2) *REPORT.—Not later than April 15, 2003, the*  
13 *Secretary shall transmit to the Committee on Trans-*  
14 *portation and Infrastructure of the House of Rep-*  
15 *resentatives and the Committee on Environment and*  
16 *Public Works of the Senate a report on the findings*  
17 *of the review conducted under this subsection with*  
18 *any recommendations concerning continuation of the*  
19 *program.*

20       (g) *COST LIMITATIONS.—*

21          (1) *MAXIMUM FEDERAL COST PER PROJECT.—No*  
22 *more than \$30,000,000 may be expended by the*  
23 *United States on any single project under this sec-*  
24 *tion.*

25          (2) *COMMITTEE RESOLUTION PROCEDURE.—*

1           (A) *LIMITATION ON APPROPRIATIONS.*—No  
 2           appropriation shall be made to construct any  
 3           project under this section the total Federal cost  
 4           of construction of which exceeds \$15,000,000 if  
 5           the project has not been approved by resolutions  
 6           adopted by the Committee on Transportation  
 7           and Infrastructure of the House of Representa-  
 8           tives and the Committee on Environment and  
 9           Public Works of the Senate.

10           (B) *REPORT.*—For the purpose of securing  
 11           consideration of approval under this paragraph,  
 12           the Secretary shall transmit a report on the pro-  
 13           posed project, including all relevant data and in-  
 14           formation on all costs.

15           (h) *AUTHORIZATION OF APPROPRIATIONS.*—There is  
 16           authorized to be appropriated to carry out this section—

17           (1) \$25,000,000 for fiscal year 2000;

18           (2) \$25,000,000 for fiscal year 2001 if  
 19           \$12,500,000 or more is appropriated to carry out sub-  
 20           section (e) for fiscal year 2000;

21           (3) \$25,000,000 for fiscal year 2002 if  
 22           \$12,500,000 or more is appropriated to carry out sub-  
 23           section (e) for fiscal year 2001; and

1           (4) \$25,000,000 for fiscal year 2003 if  
 2           \$12,500,000 or more is appropriated to carry out sub-  
 3           section (e) for fiscal year 2002.

4 **SEC. 215. SHORELINE MANAGEMENT PROGRAM.**

5           (a) *REVIEW.*—The Secretary shall review the imple-  
 6           mentation of the Corps of Engineers' shoreline management  
 7           program, with particular attention to inconsistencies in  
 8           implementation among the divisions and districts of the  
 9           Corps of Engineers and complaints by or potential inequi-  
 10          ties regarding property owners in the Savannah District  
 11          including an accounting of the number and disposition of  
 12          complaints over the last 5 years in the District.

13          (b) *REPORT.*—As expeditiously as practicable after the  
 14          date of enactment of this Act, the Secretary shall transmit  
 15          to the Committee on Transportation and Infrastructure of  
 16          the House of Representatives and the Committee on Envi-  
 17          ronment and Public Works of the Senate a report describing  
 18          the results of the review conducted under subsection (a).

19 **SEC. 216. ASSISTANCE FOR REMEDIATION, RESTORATION,**  
 20 **AND REUSE.**

21          (a) *IN GENERAL.*—The Secretary may provide to State  
 22          and local governments assessment, planning, and design as-  
 23          sistance for remediation, environmental restoration, or  
 24          reuse of areas located within the boundaries of such State  
 25          or local governments where such remediation, environ-



1 *mental restoration, or reuse will contribute to the conserva-*  
 2 *tion of water and related resources of drainage basins and*  
 3 *watersheds within the United States.*

4 *(b) BENEFICIAL USE OF DREDGED MATERIAL.—In*  
 5 *providing assistance under subsection (a), the Secretary*  
 6 *shall encourage the beneficial use of dredged material, con-*  
 7 *sistent with the findings of the Secretary under section 204*  
 8 *of the Water Resources Development Act of 1992 (33 U.S.C.*  
 9 *2326).*

10 *(c) NON-FEDERAL SHARE.—The non-Federal share of*  
 11 *the cost of assistance provided under subsection (a) shall*  
 12 *be 50 percent.*

13 *(d) AUTHORIZATION OF APPROPRIATIONS.—There is*  
 14 *authorized to be appropriated to carry out this section*  
 15 *\$3,000,000 for each of fiscal years 2000 through 2004.*

16 **SEC. 217. SHORE DAMAGE MITIGATION.**

17 *(a) IN GENERAL.—Section 111 of the River and Har-*  
 18 *bor Act of 1968 (33 U.S.C. 426i; 100 Stat. 4199) is amend-*  
 19 *ed by inserting after “navigation works” the following:*  
 20 *“and shore damages attributable to the Atlantic Intra-*  
 21 *coastal Waterway and the Gulf Intracoastal Waterway”.*

22 *(b) PALM BEACH COUNTY, FLORIDA.—The project for*  
 23 *navigation, Palm Beach County, Florida, authorized by*  
 24 *section 2 of the River and Harbor Act of March 2, 1945*  
 25 *(59 Stat. 11), is modified to authorize the Secretary to un-*

1 *dertake beach nourishment as a dredged material disposal*  
 2 *option under the project.*

3 (c) *GALVESTON COUNTY, TEXAS.—The Secretary may*  
 4 *place dredged material from the Gulf Intracoastal Water-*  
 5 *way on the beaches along Rollover Pass, Galveston County,*  
 6 *Texas, to stabilize beach erosion.*

7 **SEC. 218. SHORE PROTECTION.**

8 (a) *NON-FEDERAL SHARE OF PERIODIC NOURISH-*  
 9 *MENT.—Section 103(d) of the Water Resources Development*  
 10 *Act of 1986 (100 Stat. 4085–5086) is amended—*

11 (1) *by inserting “(1) CONSTRUCTION.—” before*  
 12 *“Costs of constructing”;*

13 (2) *by inserting at the end the following:*

14 “(2) *PERIODIC NOURISHMENT.—*

15 “(A) *IN GENERAL.—Subject to subpara-*  
 16 *graph (B), the non-Federal share of costs of peri-*  
 17 *odic nourishment measures for shore protection*  
 18 *or beach erosion control that are carried out—*

19 “(i) *after January 1, 2001, shall be 40*  
 20 *percent;*

21 “(ii) *after January 1, 2002, shall be 45*  
 22 *percent; and*

23 “(iii) *after January 1, 2003, shall be*  
 24 *50 percent;*

1                   “(B) *BENEFITS TO PRIVATELY OWNED*  
 2                   *SHORES.*—All costs assigned to benefits of peri-  
 3                   *odic nourishment measures to privately owned*  
 4                   *shores (where use of such shores is limited to pri-*  
 5                   *rate interests) or to prevention of losses of pri-*  
 6                   *vate lands shall be borne by the non-Federal in-*  
 7                   *terest and all costs assigned to the protection of*  
 8                   *federally owned shores for such measures shall be*  
 9                   *borne by the United States.”; and*

10                   (C) *by indenting paragraph (1) (as des-*  
 11                   *ignated by subparagraph (A) of this paragraph)*  
 12                   *and aligning such paragraph with paragraph*  
 13                   *(2) (as added by subparagraph (B) of this para-*  
 14                   *graph).*

15           (b) *UTILIZATION OF SAND FROM OUTER CONTI-*  
 16           *NENTAL SHELF.*—Section 8(k)(2)(B) of the Outer Conti-  
 17           *mental Shelf Lands Act (43 U.S.C. 1337(k)(2)(B)) is*  
 18           *amended by striking “an agency of the Federal Govern-*  
 19           *ment” and inserting “a Federal, State, or local government*  
 20           *agency”.*

21           (c) *REPORT ON NATION’S SHORELINES.*—

22                   (1) *IN GENERAL.*—Not later than 3 years after  
 23                   *the date of enactment of this Act, the Secretary shall*  
 24                   *report to Congress on the state of the Nation’s shore-*  
 25                   *lines.*

1           (2) *CONTENTS.—The report shall include—*

2                   (A) *a description of the extent of, and eco-*  
 3                   *nomie and environmental effects caused by, ero-*  
 4                   *sion and accretion along the Nation’s shores and*  
 5                   *the causes thereof;*

6                   (B) *a description of resources committed by*  
 7                   *local, State, and Federal governments to restore*  
 8                   *and renourish shorelines;*

9                   (C) *a description of the systematic move-*  
 10                   *ment of sand along the Nation’s shores; and*

11                   (D) *recommendations regarding (i) appro-*  
 12                   *priate levels of Federal and non-Federal partici-*  
 13                   *pation in shoreline protection, and (ii) utiliza-*  
 14                   *tion of a systems approach to sand management.*

15           (3) *UTILIZATION OF SPECIFIC LOCATION DATA.—*

16           *In developing the report, the Secretary shall utilize*  
 17           *data from specific locations on the Atlantic, Pacific,*  
 18           *Great Lakes, and Gulf of Mexico coasts.*

19           (d) *NATIONAL COASTAL DATA BANK.—*

20                   (1) *ESTABLISHMENT OF DATA BANK.—Not later*  
 21                   *than 2 years after the date of enactment of this Act,*  
 22                   *the Secretary shall establish a national coastal data*  
 23                   *bank containing data on the geophysical and climato-*  
 24                   *logical characteristics of the Nation’s shorelines.*

1           (2) *CONTENT.*—*To the extent practical, the na-*  
 2           *tional coastal data bank shall include data regarding*  
 3           *current and predicted shoreline positions, information*  
 4           *on federally-authorized shore protection projects, and*  
 5           *data on the movement of sand along the Nation’s*  
 6           *shores, including impediments to such movement*  
 7           *caused by natural and manmade features.*

8           (3) *ACCESS.*—*The national coastal data bank*  
 9           *shall be made readily accessible to the public.*

10 **SEC. 219. FLOOD PREVENTION COORDINATION.**

11       *Section 206 of the Flood Control Act of 1960 (33*  
 12 *U.S.C. 709a) is amended—*

13           (1) *by redesignating subsections (b) and (c) as*  
 14           *subsections (c) and (d), respectively; and*

15           (2) *by inserting after subsection (a) the fol-*  
 16           *lowing:*

17       “(b) *FLOOD PREVENTION COORDINATION.*—*The Sec-*  
 18       *retary shall coordinate with the Director of the Federal*  
 19       *Emergency Management Agency and the heads of other Fed-*  
 20       *eral agencies to ensure that flood control projects and plans*  
 21       *are complementary and integrated to the extent practicable*  
 22       *and appropriate.”.*

23 **SEC. 220. ANNUAL PASSES FOR RECREATION.**

24       *Section 208(c)(4) of the Water Resources Development*  
 25 *Act of 1996 (16 U.S.C. 460d note; 110 Stat. 3680) is*

1 *amended by striking “1999, or the date of transmittal of*  
 2 *the report under paragraph (3)” and inserting “2003”.*

3 **SEC. 221. COOPERATIVE AGREEMENTS FOR ENVIRON-**  
 4 **MENTAL AND RECREATIONAL MEASURES.**

5 (a) *IN GENERAL.*—*The Secretary is authorized to*  
 6 *enter into cooperative agreements with non-Federal public*  
 7 *bodies and non-profit entities for the purpose of facilitating*  
 8 *collaborative efforts involving environmental protection and*  
 9 *restoration, natural resources conservation, and recreation*  
 10 *in connection with the development, operation, and man-*  
 11 *agement of water resources projects under the jurisdiction*  
 12 *of the Department of the Army.*

13 (b) *REPORT.*—*Not later than 18 months after the date*  
 14 *of enactment of this Act, the Secretary shall transmit to*  
 15 *the Committee on Transportation and Infrastructure of the*  
 16 *House of Representatives and the Committee on Environ-*  
 17 *ment and Public Works of the Senate a report that*  
 18 *includes—*

19 (1) *a listing and general description of the coop-*  
 20 *erative agreements entered into by the Secretary with*  
 21 *non-Federal public bodies and entities under sub-*  
 22 *section (a);*

23 (2) *a determination of whether such agreements*  
 24 *are facilitating collaborative efforts; and*

1           (3) *a recommendation on whether such agree-*  
 2           *ments should be further encouraged.*

3   **SEC. 222. NONSTRUCTURAL FLOOD CONTROL PROJECTS.**

4           (a) *ANALYSIS OF BENEFITS.*—Section 308 of the Water  
 5   *Resources Development Act of 1990 (33 U.S.C. 2318; 104*  
 6   *Stat. 4638) is amended—*

7           (1) *in the heading to subsection (a) by inserting*  
 8           *“ELEMENTS EXCLUDED FROM” before “BENEFIT-*  
 9           *COST”;*

10          (2) *by redesignating subsections (b) through (e)*  
 11          *as subsections (c) through (f), respectively; and*

12          (3) *by inserting after subsection (a) the fol-*  
 13          *lowing:*

14          “(b) *FLOOD DAMAGE REDUCTION BENEFITS.*—*In cal-*  
 15          *culating the benefits of a proposed project for nonstructural*  
 16          *flood damage reduction, the Secretary shall calculate bene-*  
 17          *fits of nonstructural projects using methods similar to*  
 18          *structural projects, including similar treatment in calcu-*  
 19          *lating the benefits from losses avoided from both structural*  
 20          *and nonstructural alternatives. In carrying out this sub-*  
 21          *section, the Secretary should avoid double counting of bene-*  
 22          *fits.”.*

23          (b) *REEVALUATION OF FLOOD CONTROL PROJECTS.*—  
 24          *At the request of a non-Federal interest for a flood control*  
 25          *project, the Secretary shall conduct a reevaluation of a pre-*

1 *viously authorized project to consider nonstructural alter-*  
 2 *natives in light of the amendments made by subsection (a).*

3       (c) *COST SHARING.*—Section 103(b) of the Water Re-  
 4 *sources Development Act of 1986 (33 U.S.C. 2213(b)) is*  
 5 *amended by adding at the end the following: “At any time*  
 6 *during construction of the project, where the Secretary de-*  
 7 *termines that the costs of lands, easements, rights-of-way,*  
 8 *dredged material disposal areas, and relocations in com-*  
 9 *bination with other costs contributed by the non-Federal in-*  
 10 *terests will exceed 35 percent, any additional costs for the*  
 11 *project, but not to exceed 65 percent of the total costs of*  
 12 *the project, shall be a Federal responsibility and shall be*  
 13 *contributed during construction as part of the Federal*  
 14 *share.”.*

15 **SEC. 223. LAKES PROGRAM.**

16       Section 602(a) of the Water Resources Development  
 17 Act of 1986 (110 Stat. 3758) is amended—

18               (1) by striking “and” at the end of paragraph

19               (15);

20               (2) by striking the period at the end of para-  
 21 graph (16) and inserting a semicolon; and

22               (3) by adding at the end the following:

23               “(17) Clear Lake, Lake County, California, re-  
 24               moval of silt and aquatic growth and measures to ad-



1       *dress excessive sedimentation and high nutrient con-*  
 2       *centration; and*

3               *“(18) Osgood Pond, Milford, Hillsborough Coun-*  
 4       *ty, New Hampshire, removal of silt and aquatic*  
 5       *growth and measures to address excessive sedimenta-*  
 6       *tion.*

7               *“(19) Flints Pond, Hollis, Hillsborough County,*  
 8       *New Hampshire, removal of silt and aquatic growth*  
 9       *and measures to address excessive sedimentation.”.*

10   **SEC. 224. CONSTRUCTION OF FLOOD CONTROL PROJECTS**

11               **BY NON-FEDERAL INTERESTS.**

12       *(a) CONSTRUCTION BY NON-FEDERAL INTERESTS.—*  
 13       *Section 211(d)(1) of the Water Resources Development Act*  
 14       *of 1996 (33 U.S.C. 701b–13(d)(1)) is amended—*

15               *(1) by striking “(b) or”;*

16               *(2) by striking “Any non-Federal” and inserting*  
 17       *the following:*

18               **“(A) STUDIES AND DESIGN ACTIVITIES**  
 19       **UNDER SUBSECTION (b).—***A non-Federal interest*  
 20       *may only carry out construction for which stud-*  
 21       *ies and design documents are prepared under*  
 22       *subsection (b) if the Secretary approves such con-*  
 23       *struction. The Secretary shall approve such con-*  
 24       *struction unless the Secretary determines, in*  
 25       *writing, that the design documents do not meet*

1        *standard practices for design methodologies or*  
 2        *that the project is not economically justified or*  
 3        *environmentally acceptable or does not meet the*  
 4        *requirements for obtaining the appropriate per-*  
 5        *mits required under the Secretary’s authority.*  
 6        *The Secretary shall not unreasonably withhold*  
 7        *approval. Nothing in this subparagraph may be*  
 8        *construed to affect any regulatory authority of*  
 9        *the Secretary.*

10            *“(B) STUDIES AND DESIGN ACTIVITIES*  
 11            *UNDER SUBSECTION (c).—Any non-Federal”;*  
 12            *and*

13            *(3) by aligning the remainder of subparagraph*  
 14            *(B) (as designated by paragraph (2) of this sub-*  
 15            *section) with subparagraph (A) (as inserted by para-*  
 16            *graph (2) of this subsection).*

17            *(b) CONFORMING AMENDMENT.—Section 211(d)(2) of*  
 18            *such Act is amended by inserting “(other than paragraph*  
 19            *(1)(A))” after “this subsection”.*

20            *(c) REIMBURSEMENT.—*

21            *(1) IN GENERAL.—Section 211(e)(1) of such Act*  
 22            *is amended—*

23                    *(A) in the matter preceding subparagraph*

24                    *(1) by inserting after “constructed pursuant to*

1        *this section” the following: “and provide credit*  
 2        *for the non-Federal share of the project”;*

3                *(B) by striking “and” at the end of sub-*  
 4        *paragraph (A);*

5                *(C) by striking the period at the end of sub-*  
 6        *paragraph (B) and inserting “; and”; and*

7                *(D) by adding at the end the following:*

8                *“(C) if the construction work is reasonably*  
 9        *equivalent to Federal construction work.”.*

10                *(2) SPECIAL RULES.—Section 211(e)(2)(A) of*  
 11        *such Act is amended—*

12                *(A) by striking “subject to amounts being*  
 13        *made available in advance in appropriations*  
 14        *Acts” and inserting “subject to appropriations”;*  
 15        *and*

16                *(B) by inserting after “the cost of such*  
 17        *work” the following: “, or provide credit (de-*  
 18        *pending on the request of the non-Federal inter-*  
 19        *est) for the non-Federal share of such work,”.*

20                *(3) SCHEDULE AND MANNER OF REIMBURSE-*  
 21        *MENTS.—Section 211(e) of such Act (33 U.S.C. 701b–*  
 22        *13(e)) is amended by adding at the end the following:*

23                *“(6) SCHEDULE AND MANNER OF REIMBURSE-*  
 24        *MENT.—*

1           “(A) *BUDGETING.*—*The Secretary shall*  
 2           *budget and request appropriations for reimburse-*  
 3           *ments under this section on a schedule that is*  
 4           *consistent with a Federal construction schedule.*

5           “(B) *COMMENCEMENT OF REIMBURSE-*  
 6           *MENTS.*—*Reimbursements under this section*  
 7           *may commence upon approval of a project by the*  
 8           *Secretary.*

9           “(C) *CREDIT.*—*At the request of a non-Fed-*  
 10          *eral interest, the Secretary may reimburse the*  
 11          *non-Federal interest by providing credit toward*  
 12          *future non-Federal costs of the project.*

13          “(D) *SCHEDULING.*—*Nothing in this para-*  
 14          *graph shall affect the President’s discretion to*  
 15          *schedule new construction starts.”.*

16 **SEC. 225. ENHANCEMENT OF FISH AND WILDLIFE RE-**  
 17 **SOURCES.**

18          *Section 906(e) of the Water Resources Development Act*  
 19          *of 1986 (33 U.S.C. 2283(e)) is amended by inserting after*  
 20          *the second sentence the following: “Not more than 80 percent*  
 21          *of the non-Federal share of such first costs may be satisfied*  
 22          *through in-kind contributions, including facilities, supplies,*  
 23          *and services that are necessary to carry out the enhance-*  
 24          *ment project.”.*

1 **SEC. 226. SENSE OF CONGRESS; REQUIREMENT REGARDING**  
 2 **NOTICE.**

3 (a) *PURCHASE OF AMERICAN-MADE EQUIPMENT AND*  
 4 *PRODUCTS.—It is the sense of Congress that, to the greatest*  
 5 *extent practicable, all equipment and products purchased*  
 6 *with funds made available under this Act should be Amer-*  
 7 *ican made.*

8 (b) *NOTICE TO RECIPIENTS OF ASSISTANCE.—In pro-*  
 9 *viding financial assistance under this Act, the Secretary,*  
 10 *to the greatest extent practicable, shall provide to each re-*  
 11 *cipient of the assistance a notice describing the statement*  
 12 *made in subsection (a).*

13 **SEC. 227. PERIODIC BEACH NOURISHMENT.**

14 (a) *IN GENERAL.—Section 506(a) of the Water Re-*  
 15 *sources Development Act of 1996 (110 Stat. 3757) is amend-*  
 16 *ed by adding at the end the following:*

17 “(5) *LEE COUNTY, FLORIDA.—Project for shore-*  
 18 *line protection, Lee County, Captiva Island segment,*  
 19 *Florida.”.*

20 (b) *PROJECTS.—Section 506(b)(3) of such Act (110*  
 21 *Stat. 3758) is amended by striking subparagraph (A) and*  
 22 *redesignating subparagraphs (B) through (D) as subpara-*  
 23 *graphs (A) through (C), respectively.*

24 **SEC. 228. ENVIRONMENTAL DREDGING.**

25 *Section 312 of the Water Resources Development Act*  
 26 *of 1990 (104 Stat. 4639–4640) is amended—*

1           (1) in subsection (b)(1) by striking “50” and in-  
 2           serting “35”; and

3           (2) in subsection (d) by striking “non-Federal  
 4           responsibility” and inserting “shared as a cost of con-  
 5           struction”.

## 6           **TITLE III—PROJECT-RELATED** 7           **PROVISIONS**

### 8           **SEC. 301. MISSOURI RIVER LEVEE SYSTEM.**

9           *The project for flood control, Missouri River Levee Sys-*  
 10          *tem, authorized by section 10 of the Act entitled “An Act*  
 11          *authorizing the construction of certain public works on riv-*  
 12          *ers and harbors for flood control, and other purposes”, ap-*  
 13          *proved December 22, 1944 (58 Stat. 897), is modified to*  
 14          *provide that project costs totaling \$2,616,000 expended on*  
 15          *Units L-15, L-246, and L-385 out of the Construction,*  
 16          *General account of the Corps of Engineers before the date*  
 17          *of enactment of the Water Resources Development Act of*  
 18          *1986 (33 U.S.C. 2201 note) shall not be treated as part*  
 19          *of total project costs.*

### 20          **SEC. 302. OUZINKIE HARBOR, ALASKA.**

21          (a) *MAXIMUM FEDERAL EXPENDITURE.—The max-*  
 22          *imum amount of Federal funds that may be expended for*  
 23          *the project for navigation, Ouzinkie Harbor, Alaska, shall*  
 24          *be \$8,500,000.*

1       (b) *REVISION OF PROJECT COOPERATION AGREE-*  
 2 *MENT.*—*The Secretary shall revise the project cooperation*  
 3 *agreement for the project referred to in subsection (a) to*  
 4 *take into account the change in the Federal participation*  
 5 *in such project pursuant to subsection (a).*

6       (c) *COST SHARING.*—*Nothing in this section shall be*  
 7 *construed to affect any cost-sharing requirement applicable*  
 8 *to the project referred to in subsection (a) under the Water*  
 9 *Resources Development Act of 1986.*

10 **SEC. 303. GREERS FERRY LAKE, ARKANSAS.**

11       *The project for flood control, Greers Ferry Lake, Ar-*  
 12 *kansas, authorized by the Act entitled “An Act authorizing*  
 13 *the construction of certain public works on rivers and har-*  
 14 *bors for flood control, and other purposes”, approved June*  
 15 *28, 1938 (52 Stat. 1218), is modified to authorize the Sec-*  
 16 *retary to construct water intake facilities for the benefit of*  
 17 *Lonoke and White Counties, Arkansas.*

18 **SEC. 304. TEN- AND FIFTEEN-MILE BAYOUS, ARKANSAS.**

19       *The project for flood control, St. Francis River Basin,*  
 20 *Missouri and Arkansas, authorized by section 204 of the*  
 21 *Flood Control Act of 1950 (64 Stat. 172), is modified to*  
 22 *expand the project boundaries to include Ten- and Fifteen-*  
 23 *Mile Bayous near West Memphis, Arkansas. Notwith-*  
 24 *standing section 103(f) of the Water Resources Development*  
 25 *Act of 1986 (100 Stat. 4086), the flood control work at Ten-*

1 *and Fifteen-Mile Bayous shall not be considered separable*  
 2 *elements of the St. Francis Basin project.*

3 **SEC. 305. LOGGY BAYOU, RED RIVER BELOW DENISON DAM,**  
 4 **ARKANSAS, LOUISIANA, OKLAHOMA, AND**  
 5 **TEXAS.**

6 *The project for flood control on the Red River Below*  
 7 *Denison Dam, Arkansas, Louisiana, Oklahoma, and Texas,*  
 8 *authorized by section 10 of the Flood Control Act of 1946*  
 9 *(60 Stat. 647), is modified to direct the Secretary to con-*  
 10 *duct a study to determine the feasibility of expanding the*  
 11 *project to include mile 0.0 to mile 7.8 of Loggy Bayou be-*  
 12 *tween the Red River and Flat River. If the Secretary deter-*  
 13 *mines as a result of the study that the project should be*  
 14 *expanded, the Secretary may assume responsibility for op-*  
 15 *eration and maintenance of the expanded project.*

16 **SEC. 306. SACRAMENTO RIVER, GLENN-COLUSA, CALI-**  
 17 **FORNIA.**

18 *(a) IN GENERAL.—The project for flood control, Sac-*  
 19 *ramento River, California, authorized by section 2 of the*  
 20 *Act entitled “An Act to provide for the control of the floods*  
 21 *of the Mississippi River and of the Sacramento River, Cali-*  
 22 *fornia, and for other purposes”, approved March 1, 1917*  
 23 *(39 Stat. 949), and modified by section 102 of the Energy*  
 24 *and Water Development Appropriations Act, 1990 (103*  
 25 *Stat. 649), section 301(b)(3) of the Water Resources Devel-*



1 *opment Act of 1996 (110 Stat. 3110), and title I of the En-*  
2 *ergy and Water Development Appropriations Act, 1999*  
3 *(112 Stat. 1841), is further modified to authorize the*  
4 *Secretary—*

5           *(1) to carry out the portion of the project at*  
6           *Glenn-Colusa, California, at a total cost of*  
7           *\$26,000,000, with an estimated Federal cost of*  
8           *\$20,000,000 and an estimated non-Federal cost of*  
9           *\$6,000,000; and*

10           *(2) to carry out bank stabilization work in the*  
11           *vicinity of the riverbed gradient facility, particularly*  
12           *in the vicinity of River Mile 208.*

13           *(b) CREDIT.—The Secretary shall provide the non-Fed-*  
14 *eral interests for the project referred to in subsection (a)*  
15 *a credit of up to \$4,000,000 toward the non-Federal share*  
16 *of the project costs for the direct and indirect costs incurred*  
17 *by the non-Federal sponsor in carrying out activities asso-*  
18 *ciated with environmental compliance for the project. Such*  
19 *credit may be in the form of reimbursements for costs which*  
20 *were incurred by the non-Federal interests prior to an*  
21 *agreement with the Corps of Engineers, to include the value*  
22 *of lands, easements, rights-of-way, relocations, or dredged*  
23 *material disposal areas.*

1 **SEC. 307. SAN LORENZO RIVER, CALIFORNIA.**

2       *The project for flood control and habitat restoration,*  
 3 *San Lorenzo River, California, authorized by section*  
 4 *101(a)(5) of the Water Resources Development Act of 1996*  
 5 *(110 Stat. 3663), is modified to authorize the Secretary to*  
 6 *expand the boundaries of the project to include bank sta-*  
 7 *bilization for a 1,000-foot portion of the San Lorenzo River.*

8 **SEC. 308. TERMINUS DAM, KAWEAH RIVER, CALIFORNIA.**

9       *(a) TRANSFER OF TITLE TO ADDITIONAL LAND.—If*  
 10 *the non-Federal interests for the project for flood control and*  
 11 *water supply, Terminus Dam, Kaweah River, California,*  
 12 *authorized by section 101(b)(5) of the Water Resources De-*  
 13 *velopment Act of 1996 (110 Stat. 3667), transfers to the*  
 14 *Secretary without consideration title to perimeter lands ac-*  
 15 *quired for the project by the non-Federal interests, the Sec-*  
 16 *retary may accept the transfer of such title.*

17       *(b) LANDS, EASEMENT, AND RIGHTS-OF-WAY.—Noth-*  
 18 *ing in this section shall be construed to change, modify, or*  
 19 *otherwise affect the responsibility of the non-Federal inter-*  
 20 *ests to provide lands, easements, rights-of-way, relocations,*  
 21 *and dredged material disposal areas necessary for the Ter-*  
 22 *minus Dam project and to perform operation and mainte-*  
 23 *nance for the project.*

24       *(c) OPERATION AND MAINTENANCE.—Upon request by*  
 25 *the non-Federal interests, the Secretary shall carry out op-*  
 26 *eration, maintenance, repair, replacement, and rehabilita-*

tion of the project if the non-Federal interests enter into a binding agreement with the Secretary to reimburse the Secretary for 100 percent of the costs of such operation, maintenance, repair, replacement, and rehabilitation.

(d) *HOLD HARMLESS.*—The non-Federal interests shall hold the United States harmless for ownership, operation, and maintenance of lands and facilities of the Terminus Dam project title to which is transferred to the Secretary under this section.

**SEC. 309. DELAWARE RIVER MAINSTEM AND CHANNEL  
DEEPENING, DELAWARE, NEW JERSEY, AND  
PENNSYLVANIA.**

The project for navigation, Delaware River Mainstem and Channel Deepening, Delaware, New Jersey and Pennsylvania, authorized by section 101(6) of the Water Resources Development Act of 1992 (106 Stat. 4802), is modified as follows:

(1) The Secretary is authorized to provide non-Federal interests credit toward cash contributions required for construction and subsequent to construction for engineering and design and construction management work that is performed by non-Federal interests and that the Secretary determines is necessary to implement the project. Any such credits extended shall reduce the Philadelphia District's private sector per-

1     *formance goals for engineering work by a like*  
2     *amount.*

3             *(2) The Secretary is authorized to provide to*  
4     *non-Federal interests credit toward cash contributions*  
5     *required during construction and subsequent to con-*  
6     *struction for the costs of construction carried out by*  
7     *the non-Federal interest on behalf of the Secretary*  
8     *and that the Secretary determines is necessary to im-*  
9     *plement the project.*

10            *(3) The Secretary is authorized to enter into an*  
11    *agreement with a non-Federal interest for the pay-*  
12    *ment of disposal or tipping fees for dredged material*  
13    *from a Federal project other than for the construction*  
14    *or operation and maintenance of the new deepening*  
15    *project as described in the Limited Reevaluation Re-*  
16    *port of May 1997, where the non-Federal interest has*  
17    *supplied the corresponding disposal capacity.*

18            *(4) The Secretary is authorized to enter into an*  
19    *agreement with a non-Federal interest that will pro-*  
20    *vide that the non-Federal interest may carry out or*  
21    *cause to have carried out, on behalf of the Secretary,*  
22    *a disposal area management program for dredged*  
23    *material disposal areas necessary to construct, oper-*  
24    *ate, and maintain the project and to authorize the*  
25    *Secretary to reimburse the non-Federal interest for*

1       *the costs of the disposal area management program*  
2       *activities carried out by the non-Federal interest.*

3   **SEC. 310. POTOMAC RIVER, WASHINGTON, DISTRICT OF CO-**  
4                   **LUMBIA.**

5       *The project for flood control authorized by section 5*  
6   *of the Flood Control Act of June 22, 1936 (69 Stat. 1574),*  
7   *as modified by section 301(a)(4) of the Water Resources De-*  
8   *velopment Act of 1996 (110 Stat. 3707), is further modified*  
9   *to authorize the Secretary to construct the project at a Fed-*  
10   *eral cost of \$5,965,000.*

11   **SEC. 311. BREVARD COUNTY, FLORIDA.**

12       (a) *STUDY.*—*The Secretary, in cooperation with the*  
13   *non-Federal interest, shall conduct a study of any damage*  
14   *to the project for shoreline protection, Brevard County,*  
15   *Florida, authorized by section 101(b)(7) of the Water Re-*  
16   *sources Development Act of 1996 (110 Stat. 3667), to deter-*  
17   *mine whether the damage is the result of a Federal naviga-*  
18   *tion project.*

19       (b) *CONDITIONS.*—*In conducting the study, the Sec-*  
20   *retary shall utilize the services of an independent coastal*  
21   *expert who shall consider all relevant studies completed by*  
22   *the Corps of Engineers and the project's local sponsor. The*  
23   *study shall be completed within 120 days of the date of en-*  
24   *actment of this Act.*

1       (c) *MITIGATION OF DAMAGES.*—After completion of the  
 2 study, the Secretary shall mitigate any damage to the shore-  
 3 line protection project that is the result of a Federal naviga-  
 4 tion project. The costs of the mitigation shall be allocated  
 5 to the Federal navigation project as operation and mainte-  
 6 nance.

7       **SEC. 312. BROWARD COUNTY AND HILLSBORO INLET, FLOR-**  
 8                               **IDA.**

9       The project for shoreline protection, Broward County  
 10 and Hillsboro Inlet, Florida, authorized by section 301 of  
 11 the River and Harbor Act of 1965 (79 Stat. 1090), is modi-  
 12 fied to authorize the Secretary to reimburse the non-Federal  
 13 interest for the Federal share of the cost of preconstruction  
 14 planning and design for the project upon execution of a con-  
 15 tract to construct the project if the Secretary determines  
 16 such work is compatible with and integral to the project.

17       **SEC. 313. FORT PIERCE, FLORIDA.**

18       (a) *IN GENERAL.*—The project for shore protection and  
 19 harbor mitigation, Fort Pierce, Florida, authorized by sec-  
 20 tion 301 of the River and Harbor Act of 1965 (79 Stat.  
 21 1092) and section 506(a)(2) of the Water Resources Devel-  
 22 opment Act of 1996 (110 Stat. 3757), is modified to incor-  
 23 porate an additional 1 mile into the project in accordance  
 24 with a final approved General Reevaluation Report, at a  
 25 total cost for initial nourishment for the entire project of

1 \$9,128,000, with an estimated Federal cost of \$7,073,500  
 2 and an estimated non-Federal cost of \$2,054,500.

3 (b) *PERIOD NOURISHMENT.*—Periodic nourishment is  
 4 authorized for the project in accordance with section  
 5 506(a)(2) of Water Resources Development Act of 1996 (110  
 6 Stat. 3757).

7 (c) *REVISION OF THE PROJECT COOPERATION AGREE-*  
 8 *MENT.*—The Secretary shall revise the project cooperation  
 9 agreement for the project referred to in subsection (a) to  
 10 take into account the change in Federal participation in  
 11 the project pursuant to subsection (a).

12 **SEC. 314. NASSAU COUNTY, FLORIDA.**

13 The project for beach erosion control, Nassau County  
 14 (Amelia Island), Florida, authorized by section 3(a)(3) of  
 15 the Water Resources Development Act of 1988 (102 Stat.  
 16 4013), is modified to authorize the Secretary to construct  
 17 the project at a total cost of \$17,000,000, with an estimated  
 18 Federal cost of \$13,300,000 and an estimated non-Federal  
 19 cost of \$3,700,000.

20 **SEC. 315. MIAMI HARBOR CHANNEL, FLORIDA.**

21 The project for navigation, Miami Harbor Channel,  
 22 Florida, authorized by section 101(a)(9) of the Water Re-  
 23 sources Development Act of 1990 (104 Stat. 4606), is modi-  
 24 fied to include construction of artificial reefs and related

1 *environmental mitigation required by Federal, State, and*  
 2 *local environmental permitting agencies for the project.*

3 **SEC. 316. LAKE MICHIGAN, ILLINOIS.**

4 *The project for storm damage reduction and shoreline*  
 5 *erosion protection, Lake Michigan, Illinois, from Wilmette,*  
 6 *Illinois, to the Illinois-Indiana State line, authorized by*  
 7 *section 101(a)(12) of the Water Resources Development Act*  
 8 *of 1996 (110 Stat. 3664), is modified to authorize the Sec-*  
 9 *retary to provide a credit against the non-Federal share of*  
 10 *the cost of the project for costs incurred by the non-Federal*  
 11 *interest—*

12 *(1) in constructing Reach 2D and Segment 8 of*  
 13 *Reach 4 of the project; and*

14 *(2) in reconstructing Solidarity Drive in Chi-*  
 15 *cago, Illinois, prior to entry into a project coopera-*  
 16 *tion agreement with the Secretary.*

17 **SEC. 317. SPRINGFIELD, ILLINOIS.**

18 *Section 417 of the Water Resources Development Act*  
 19 *of 1996 (110 Stat. 3743) is amended—*

20 *(1) by inserting “(a) IN GENERAL.—” before*  
 21 *“The Secretary”; and*

22 *(2) by adding at the end the following:*

23 *“(b) COST SHARING.—The non-Federal share of assist-*  
 24 *ance provided under this section before, on, or after the date*  
 25 *of enactment of this subsection shall be 50 percent.”.*



1 **SEC. 318. LITTLE CALUMET RIVER, INDIANA.**

2       *The project for flood control, Little Calumet River, In-*  
 3 *diana, authorized by section 401(a) of the Water Resources*  
 4 *Development Act of 1986 (100 Stat. 4115), is modified to*  
 5 *authorize the Secretary to construct the project substan-*  
 6 *tially in accordance with the report of the Corps of Engi-*  
 7 *neers, at a total cost of \$167,000,000, with an estimated*  
 8 *Federal cost of \$122,000,000 and an estimated non-Federal*  
 9 *cost of \$45,000,000.*

10 **SEC. 319. OGDEN DUNES, INDIANA.**

11       *(a) STUDY.—The Secretary shall conduct a study of*  
 12 *beach erosion in and around the town of Ogden Dunes, In-*  
 13 *diana, to determine whether the damage is the result of a*  
 14 *Federal navigation project.*

15       *(b) MITIGATION OF DAMAGES.—After completion of the*  
 16 *study, the Secretary shall mitigate any damage to the beach*  
 17 *and shoreline that is the result of a Federal navigation*  
 18 *project. The cost of the mitigation shall be allocated to the*  
 19 *Federal navigation project as operation and maintenance.*

20 **SEC. 320. SAINT JOSEPH RIVER, SOUTH BEND, INDIANA.**

21       *(a) MAXIMUM TOTAL EXPENDITURE.—The maximum*  
 22 *total expenditure for the project for streambank erosion,*  
 23 *recreation, and pedestrian access features, Saint Joseph*  
 24 *River, South Bend, Indiana, shall be \$7,800,000.*

25       *(b) REVISION OF PROJECT COOPERATION AGREE-*  
 26 *MENT.—The Secretary shall revise the project cooperation*

1 *agreement for the project referred to in subsection (a) to*  
2 *take into account the change in the Federal participation*  
3 *in such project pursuant to subsection (a).*

4 *(c) COST SHARING.—Nothing in this section shall be*  
5 *construed to affect any cost-sharing requirement applicable*  
6 *to the project referred to in subsection (a) under title I of*  
7 *the Water Resources Development Act of 1986 (33 U.S.C.*  
8 *2211 et seq.).*

9 **SEC. 321. WHITE RIVER, INDIANA.**

10 *The project for flood control, Indianapolis on West*  
11 *Fork of the White River, Indiana, authorized by section 5*  
12 *of the Act entitled “An Act authorizing the construction of*  
13 *certain public works on rivers and harbors for flood control,*  
14 *and other purposes”, approved June 22, 1936 (49 Stat.*  
15 *1586), and modified by section 323 of the Water Resources*  
16 *Development Act of 1996 (110 Stat. 3716), is further modi-*  
17 *fied to authorize the Secretary to undertake riverfront alter-*  
18 *ations as described in the Central Indianapolis Waterfront*  
19 *Concept Master Plan, dated February 1994, at a total cost*  
20 *of \$110,975,000, with an estimated Federal cost of*  
21 *\$52,475,000 and an estimated non-Federal cost of*  
22 *\$58,500,000.*

1 **SEC. 322. LAKE PONTCHARTRAIN, LOUISIANA.**

2       *The project for hurricane-flood protection, Lake Pont-*  
3 *chartrain, Louisiana, authorized by section 204 of the Flood*  
4 *Control Act of 1965 (79 Stat. 1077), is modified—*

5           *(1) to direct the Secretary to conduct a study to*  
6       *determine the feasibility of constructing a pump adja-*  
7       *cent to each of the 4 proposed drainage structures for*  
8       *the Saint Charles Parish feature of the project; and*

9           *(2) to authorize the Secretary to construct such*  
10      *pumps upon completion of the study.*

11 **SEC. 323. LAROSE TO GOLDEN MEADOW, LOUISIANA.**

12      *The project for hurricane protection Larose to Golden*  
13 *Meadow, Louisiana, authorized by section 204 of the Flood*  
14 *Control Act of 1965 (79 Stat. 1077), is modified to direct*  
15 *the Secretary to convert the Golden Meadow floodgate into*  
16 *a navigation lock if the Secretary determines that the con-*  
17 *version is feasible.*

18 **SEC. 324. LOUISIANA STATE PENITENTIARY LEVEE, LOU-**  
19 **ISIANA.**

20      *The Louisiana State Penitentiary Levee project, Lou-*  
21 *isiana, authorized by section 401(a) of the Water Resources*  
22 *Development Act of 1986 (100 Stat. 4117), is modified to*  
23 *direct the Secretary to provide credit to the non-Federal in-*  
24 *terest toward the non-Federal share of the cost of the project.*  
25 *The credit shall be for cost of work performed by the non-*  
26 *Federal interest prior to the execution of a project coopera-*

1 *tion agreement as determined by the Secretary to be com-*  
 2 *patible with and an integral part of the project.*

3 **SEC. 325. TWELVE-MILE BAYOU, CADDO PARISH, LOUISIANA.**

4 *The Secretary shall be responsible for maintenance of*  
 5 *the levee along Twelve-Mile Bayou from its junction with*  
 6 *the existing Red River Below Denison Dam Levee approxi-*  
 7 *mately 26 miles upstream to its terminus at high ground*  
 8 *in the vicinity of Black Bayou, Caddo Parish, Louisiana,*  
 9 *if the Secretary determines that such maintenance is eco-*  
 10 *nomically justified and environmentally acceptable and*  
 11 *that the levee was constructed in accordance with appro-*  
 12 *priate design and engineering standards.*

13 **SEC. 326. WEST BANK OF THE MISSISSIPPI RIVER (EAST OF**  
 14 **HARVEY CANAL), LOUISIANA.**

15 *(a) IN GENERAL.—The project for flood control and*  
 16 *storm damage reduction, West Bank of the Mississippi*  
 17 *River (East of Harvey Canal), Louisiana, authorized by*  
 18 *section 401(b) of the Water Resources Development Act of*  
 19 *1986 (100 Stat. 4128) and section 101(a)(17) of the Water*  
 20 *Resources Development Act of 1996 (110 Stat. 3665), is*  
 21 *modified—*

22 *(1) to provide that any liability under the Com-*  
 23 *prehensive Environmental Response, Compensation,*  
 24 *and Liability Act of 1980 (42 U.S.C. 9601 et seq.)*

1       *from the construction of the project is a Federal re-*  
 2       *sponsibility; and*

3               *(2) to authorize the Secretary to carry out oper-*  
 4       *ation and maintenance of that portion of the project*  
 5       *included in the report of the Chief of Engineers, dated*  
 6       *May 1, 1995, referred to as “Algiers Channel”, if the*  
 7       *non-Federal sponsor reimburses the Secretary for the*  
 8       *amount of such operation and maintenance included*  
 9       *in the report of the Chief of Engineers.*

10       *(b) COMBINATION OF PROJECTS.—The Secretary shall*  
 11       *carry out work authorized as part of the Westwego to Har-*  
 12       *vey Canal project, the East of Harvey cannal project, and*  
 13       *the Lake Cataouatche modifications as a single project, to*  
 14       *be known as the West Bank and vicinity, New Orleans,*  
 15       *Louisiana, hurricane protection project, with a combined*  
 16       *total cost of \$280,300,000.*

17       **SEC. 327. TOLCHESTER CHANNEL, BALTIMORE HARBOR**  
 18               **AND CHANNELS, CHESAPEAKE BAY, KENT**  
 19               **COUNTY, MARYLAND.**

20       *The project for navigation, Tolchester Channel, Balti-*  
 21       *more Harbor and Channels, Chesapeake Bay, Kent County,*  
 22       *Maryland, authorized by section 101 of the River and Har-*  
 23       *bor Act of 1958 (72 Stat. 297), is modified to authorize*  
 24       *the Secretary to straighten the navigation channel in ac-*  
 25       *cordance with the District Engineer’s Navigation Assess-*

1 *ment Report and Environmental Assessment, dated April*  
 2 *30, 1997. This modification shall be carried out in order*  
 3 *to improve navigation safety.*

4 **SEC. 328. SAULT SAINTE MARIE, CHIPPEWA COUNTY, MICHIGAN.**  
 5

6 *The project for navigation Sault Sainte Marie, Chip-*  
 7 *pewa County, Michigan, authorized by section 1149 of the*  
 8 *Water Resources Development Act of 1986 (100 Stat. 4254–*  
 9 *4255) and modified by section 330 of the Water Resources*  
 10 *Development Act of 1996 (110 Stat. 3717–3718), is further*  
 11 *modified to provide that the amount to be paid by non-*  
 12 *Federal interests pursuant to section 101(a) of the Water*  
 13 *Resources Development Act of 1986 (33 U.S.C. 2211(a))*  
 14 *and subsection (a) of such section 330 shall not include any*  
 15 *interest payments.*

16 **SEC. 329. JACKSON COUNTY, MISSISSIPPI.**

17 *The project for environmental infrastructure, Jackson*  
 18 *County, Mississippi, authorized by section 219(c)(5) of the*  
 19 *Water Resources Development Act of 1992 (106 Stat. 4835)*  
 20 *and modified by section 504 of the Water Resources Devel-*  
 21 *opment Act of 1996 (110 Stat. 3757), is further modified*  
 22 *to direct the Secretary to provide a credit, not to exceed*  
 23 *\$5,000,000, against the non-Federal share of the cost of the*  
 24 *project for the costs incurred by the Jackson County Board*  
 25 *of Supervisors since February 8, 1994, in constructing the*

1 *project if the Secretary determines that such costs are for*  
 2 *work that the Secretary determines is compatible with and*  
 3 *integral to the project.*

4 **SEC. 330. TUNICA LAKE, MISSISSIPPI.**

5 *The project for flood control, Mississippi River Chan-*  
 6 *nel Improvement Project, Tunica Lake, Mississippi, author-*  
 7 *ized by the Act entitled: “An Act for the control of floods*  
 8 *on the Mississippi River and its tributaries, and for other*  
 9 *purposes”, approved May 15, 1928 (45 Stat. 534–538), is*  
 10 *modified to include construction of a weir at the Tunica*  
 11 *Cutoff, Mississippi.*

12 **SEC. 331. BOIS BRULE DRAINAGE AND LEVEE DISTRICT,**  
 13 **MISSOURI.**

14 (a) *MAXIMUM FEDERAL EXPENDITURE.—The max-*  
 15 *imum amount of Federal funds that may be allocated for*  
 16 *the project for flood control, Bois Brule Drainage and Levee*  
 17 *District, Missouri, authorized pursuant to section 205 of*  
 18 *the Flood Control Act of 1948 (33 U.S.C. 701s), shall be*  
 19 *\$15,000,000.*

20 (b) *REVISION OF THE PROJECT COOPERATION AGREE-*  
 21 *MENT.—The Secretary shall revise the project cooperation*  
 22 *agreement for the project referred to in subsection (a) to*  
 23 *take into account the change in Federal participation in*  
 24 *the project pursuant to subsection (a).*

1       (c) *COST SHARING*.—Nothing in this section shall be  
 2       construed to affect any cost-sharing requirement applicable  
 3       to the project referred to in subsection (a) under title I of  
 4       the Water Resources Development Act of 1986 (33 U.S.C.  
 5       2211 et seq.).

6       **SEC. 332. MERAMEC RIVER BASIN, VALLEY PARK LEVEE,**  
 7                               **MISSOURI.**

8       The project for flood control, Meramec River Basin,  
 9       Valley Park Levee, Missouri, authorized by section 2(h) of  
 10      an Act entitled “An Act to deauthorize several projects with-  
 11      in the jurisdiction of the Army Corps of Engineers” (95  
 12      Stat. 1682–1683) and modified by section 1128 of the Water  
 13      Resources Development Act of 1986, (100 Stat. 4246), is  
 14      further modified to authorize the Secretary to construct the  
 15      project at a maximum Federal expenditure of \$35,000,000.

16      **SEC. 333. MISSOURI RIVER MITIGATION PROJECT, MIS-**  
 17                               **SOURI, KANSAS, IOWA, AND NEBRASKA.**

18      (a) *IN GENERAL*.—The project for mitigation of fish  
 19      and wildlife losses, Missouri River Bank Stabilization and  
 20      Navigation Project, Missouri, Kansas, Iowa, and Nebraska,  
 21      authorized by section 601 of the Water Resources Develop-  
 22      ment Act of 1986 (100 Stat. 4143), is modified to increase  
 23      by 118,650 acres the lands and interests in lands to be ac-  
 24      quired for the project.

25      (b) *STUDY*.—



1           (1) *IN GENERAL.*—*The Secretary, in conjunction*  
2           *with the States of Nebraska, Iowa, Kansas, and Mis-*  
3           *souri, shall conduct a study to determine the cost of*  
4           *restoring, under the authority of the Missouri River*  
5           *fish and wildlife mitigation project, a total of 118,650*  
6           *acres of lost Missouri River habitat.*

7           (2) *REPORT.*—*The Secretary shall report to Con-*  
8           *gress on the results of the study not later than 6*  
9           *months after the date of enactment of this Act.*

10 **SEC. 334. WOOD RIVER, GRAND ISLAND, NEBRASKA.**

11           *The project for flood control, Wood River, Grand Is-*  
12           *land, Nebraska, authorized by section 101(a)(19) of the*  
13           *Water Resources Development Act of 1996 (110 Stat. 3665),*  
14           *is modified to authorize the Secretary to construct the*  
15           *project substantially in accordance with the report of the*  
16           *Corps of Engineers dated June 29, 1998, at a total cost*  
17           *of \$17,039,000, with an estimated Federal cost of*  
18           *\$9,730,000 and an estimated non-Federal cost of*  
19           *\$7,309,000.*

20 **SEC. 335. ABSECON ISLAND, NEW JERSEY.**

21           *The project for storm damage reduction and shoreline*  
22           *protection, Brigantine Inlet to Great Egg Harbor Inlet, Ab-*  
23           *secon Island, New Jersey, authorized by section 101(b)(13)*  
24           *of the Water Resources Development Act of 1996 (110 Stat.*  
25           *3668), is modified to provide that, if, after October 12,*

1 1996, the non-Federal interests carry out any work associ-  
 2 ated with the project that is later recommended by the Chief  
 3 of Engineers and approved by the Secretary, the Secretary  
 4 may credit the non-Federal interests toward the non-Fed-  
 5 eral share of the cost of the project an amount equal to the  
 6 Federal share of the cost of such work, without interest.

7 **SEC. 336. NEW YORK HARBOR AND ADJACENT CHANNELS,**  
 8 **PORT JERSEY, NEW JERSEY**

9       The project for navigation, New York Harbor and Ad-  
 10 jacent Channels, New York and New Jersey, authorized by  
 11 section 202(b) of the Water Resources Development Act of  
 12 1986 (100 Stat. 4098), is modified to authorize the Sec-  
 13 retary to construct that portion of the project that is located  
 14 between Military Ocean Terminal Bayonne and Global Ter-  
 15 minal in Bayonne, New Jersey, substantially in accordance  
 16 with the report of the Corps of Engineers, at a total cost  
 17 of \$103,267,000, with an estimated Federal cost of  
 18 \$76,909,000 and an estimated non-Federal cost of  
 19 \$26,358,000.

20 **SEC. 337. PASSAIC RIVER, NEW JERSEY.**

21       Section 101(a)(18)(B) of the Water Resources Develop-  
 22 ment Act of 1990 (104 Stat. 4608–4609) is amended by in-  
 23 serting “, including an esplanade for safe pedestrian access  
 24 with an overall width of 600 feet” after “public access to  
 25 Route 21”.

1 **SEC. 338. SANDY HOOK TO BARNEGAT INLET, NEW JERSEY.**

2       *The project for shoreline protection, Sandy Hook to*  
3 *Barnegat Inlet, New Jersey, authorized by section 101 of*  
4 *the River and Harbor Act of 1958 (72 Stat. 299), is*  
5 *modified—*

6           *(1) to include the demolition of Long Branch*  
7 *pier and extension of Ocean Grove pier; and*

8           *(2) to authorize the Secretary to reimburse the*  
9 *non-Federal sponsor for the Federal share of costs as-*  
10 *sociated with the demolition of Long Branch pier and*  
11 *the construction of the Ocean Grove pier.*

12 **SEC. 339. ARTHUR KILL, NEW YORK AND NEW JERSEY.**

13       *The project for navigation, Arthur Kill, New York and*  
14 *New Jersey, authorized by section 202(b) of the Water Re-*  
15 *sources Development Act of 1986 (100 Stat. 4098) and*  
16 *modified by section 301(b)(11) of the Water Resources De-*  
17 *velopment Act of 1996 (110 Stat. 3711), is further modified*  
18 *to authorize the Secretary to construct the portion of the*  
19 *project at Howland Hook Marine Terminal substantially*  
20 *in accordance with the report of the Corps of Engineers,*  
21 *dated September 30, 1998, at a total cost of \$315,700,000,*  
22 *with an estimated Federal cost of \$183,200,000 and an esti-*  
23 *mated non-Federal cost of \$132,500,000.*

1 **SEC. 340. NEW YORK CITY WATERSHED.**

2       *Section 552(i) of the Water Resources Development Act*  
 3 *of 1996 (110 Stat. 3781) is amended by striking*  
 4 *“\$22,500,000” and inserting “\$42,500,000”.*

5 **SEC. 341. NEW YORK STATE CANAL SYSTEM.**

6       *Section 553(e) of the Water Resources Development Act*  
 7 *of 1996 (110 Stat. 3781) is amended by striking*  
 8 *“\$8,000,000” and inserting “\$18,000,000”.*

9 **SEC. 342. FIRE ISLAND INLET TO MONTAUK POINT, NEW**  
 10 **YORK.**

11       *The project for combined beach erosion control and*  
 12 *hurricane protection, Fire Island Inlet to Montauk Point,*  
 13 *Long Island, New York, authorized by the River and Har-*  
 14 *bor Act of 1960 (74 Stat. 483) and modified by the River*  
 15 *and Harbor Act of 1962, the Water Resources Development*  
 16 *Act of 1974, and the Water Resources Development Act of*  
 17 *1986, is further modified to direct the Secretary, in coordi-*  
 18 *nation with the heads of other Federal departments and*  
 19 *agencies, to complete all procedures and reviews expedi-*  
 20 *tiously and to adopt and transmit to Congress not later*  
 21 *than June 30, 1999, a mutually acceptable shore erosion*  
 22 *plan for the Fire Island Inlet to Moriches Inlet reach of*  
 23 *the project.*

1 **SEC. 343. BROKEN BOW LAKE, RED RIVER BASIN, OKLA-**  
2 **HOMA.**

3       *The project for flood control and water supply, Broken*  
4 *Bow Lake, Red River Basin, Oklahoma, authorized by sec-*  
5 *tion 203 of the Flood Control Act of 1958 (72 Stat. 309)*  
6 *and modified by section 203 of the Flood Control Act of*  
7 *1962 (76 Stat. 1187), section 102(v) of the Water Resources*  
8 *Development Act of 1992 (106 Stat. 4808), and section 338*  
9 *of the Water Resources Development Act of 1996 (110 Stat.*  
10 *3720), is further modified to require the Secretary to make*  
11 *seasonal adjustments to the top of the conservation pool at*  
12 *the project as follows (if the Secretary determines that the*  
13 *adjustments will be undertaken at no cost to the United*  
14 *States and will adequately protect impacted water and re-*  
15 *lated resources):*

16               *(1) Maintain an elevation of 599.5 from Novem-*  
17 *ber 1 through March 31.*

18               *(2) Increase elevation gradually from 599.5 to*  
19 *602.5 during April and May.*

20               *(3) Maintain an elevation of 602.5 from June 1*  
21 *to September 30.*

22               *(4) Decrease elevation gradually from 602.5 to*  
23 *599.5 during October.*

1 **SEC. 344. WILLAMETTE RIVER TEMPERATURE CONTROL,**  
 2 **MCKENZIE SUBBASIN, OREGON.**

3 (a) *IN GENERAL.*—The project for environmental res-  
 4 toration, Willamette River Temperature Control, McKenzie  
 5 Subbasin, Oregon, authorized by section 101(a)(25) of the  
 6 Water Resources Development Act of 1996 (110 Stat. 3665),  
 7 is modified to authorize the Secretary to construct the  
 8 project substantially in accordance with the Feature Memo-  
 9 randum dated July 31, 1998, at a total cost of \$64,741,000.

10 (b) *REPORT.*—Not later than 90 days after the date  
 11 of enactment of this Act, the Secretary shall report to Con-  
 12 gress on the reasons for the cost growth of the Willamette  
 13 River project and outline the steps the Corps of Engineers  
 14 is taking to control project costs, including the application  
 15 of value engineering and other appropriate measures. In  
 16 the report, the Secretary shall also include a cost estimate  
 17 for, and recommendations on the advisability of, adding  
 18 fish screens to the project.

19 **SEC. 345. AYLESWORTH CREEK RESERVOIR, PENNSYL-**  
 20 **VANIA.**

21 The project for flood control, Aylesworth Creek Res-  
 22 ervoir, Pennsylvania, authorized by section 203 of the Flood  
 23 Control Act of 1962 (76 Stat. 1182), is modified to author-  
 24 ize the Secretary to transfer, in each of fiscal years 1999  
 25 and 2000, \$50,000 to the Aylesworth Creek Reservoir Park  
 26 Authority for recreational facilities.

1 **SEC. 346. CURWENSVILLE LAKE, PENNSYLVANIA.**

2       *Section 562 of the Water Resources Development Act*  
3 *of 1996 (110 Stat. 3784) is amended by adding at the end*  
4 *the following: “The Secretary shall provide design and con-*  
5 *struction assistance for recreational facilities at*  
6 *Curwensville Lake and, when appropriate, may require the*  
7 *non-Federal interest to provide not more than 25 percent*  
8 *of the cost of designing and constructing such facilities. The*  
9 *Secretary may transfer, in each of fiscal years 1999 through*  
10 *2003, \$100,000 to the Clearfield County Municipal Services*  
11 *and Recreation Authority for recreational facilities.”.*

12 **SEC. 347. DELAWARE RIVER, PENNSYLVANIA AND DELA-**  
13 **WARE.**

14       *The project for navigation, Delaware River, Philadel-*  
15 *phia to Wilmington, Pennsylvania and Delaware, author-*  
16 *ized by section 3(a)(12) of the Water Resources Development*  
17 *Act of 1988 (102 Stat. 4014), is modified to authorize the*  
18 *Secretary to extend the channel of the Delaware River at*  
19 *Camden, New Jersey, to within 150 feet of the existing bulk-*  
20 *head and to relocate the 40-foot deep Federal navigation*  
21 *channel, eastward within Philadelphia Harbor, from the*  
22 *Ben Franklin Bridge to the Walt Whitman Bridge, into*  
23 *deep water.*

1 **SEC. 348. MUSSERS DAM, PENNSYLVANIA.**

2       *Section 209 of the Water Resources Development Act*  
 3 *of 1992 (106 Stat. 4830) is amended by striking subsection*  
 4 *(e) and redesignating subsection (f) as subsection (e).*

5 **SEC. 349. NINE-MILE RUN, ALLEGHENY COUNTY, PENNSYL-**  
 6 **VANIA.**

7       *The Nine-Mile Run project, Allegheny County, Penn-*  
 8 *sylvania, carried out pursuant to section 206 of the Water*  
 9 *Resources Development Act of 1996 (33 U.S.C. 2330; 110*  
 10 *Stat. 3679–3680), is modified to authorize the Secretary to*  
 11 *provide a credit toward the non-Federal share of the project*  
 12 *for costs incurred by the non-Federal interest in preparing*  
 13 *environmental and feasibility documentation for the project*  
 14 *before entering into an agreement with the Corps of Engi-*  
 15 *neers with respect to the project if the Secretary determines*  
 16 *such costs are for work that is compatible with and integral*  
 17 *to the project.*

18 **SEC. 350. RAYSTOWN LAKE, PENNSYLVANIA.**

19       *(a) RECREATION PARTNERSHIP INITIATIVE.—Section*  
 20 *519(b) of the Water Resources Development Act of 1996*  
 21 *(110 Stat. 3765) is amended—*

22               *(1) by redesignating paragraph (3) as para-*  
 23 *graph (4); and*

24               *(2) by inserting after paragraph (2) the fol-*  
 25 *lowing:*



1           “(3) *ENGINEERING AND DESIGN SERVICES.*—*The*  
 2           *Secretary may perform, at full Federal expense, engi-*  
 3           *neering and design services for project infrastructure*  
 4           *expected to be associated with the development of the*  
 5           *site at Raystown Lake, Hesston, Pennsylvania.”.*

6           **(b) CONSTRUCTION ASSISTANCE.**—

7           **(1) IN GENERAL.**—*Consistent with the master*  
 8           *plan described in section 318 of the Water Resources*  
 9           *Development Act of 1992 (106 Stat. 4848), the Sec-*  
 10          *retary may provide a grant to Juniata College for the*  
 11          *construction of facilities and structures at Raystown*  
 12          *Lake, Pennsylvania, to interpret and understand en-*  
 13          *vironmental conditions and trends. As a condition of*  
 14          *the receipt of such financial assistance, officials at*  
 15          *Juniata College shall coordinate with the Baltimore*  
 16          *District of the Army Corps of Engineers.*

17          **(2) AUTHORIZATION OF APPROPRIATIONS.**—  
 18          *There is authorized to be appropriated \$5,000,000 for*  
 19          *fiscal years beginning after September 30, 1998, to*  
 20          *carry out this subsection.*

21       **SEC. 351. SOUTH CENTRAL PENNSYLVANIA.**

22          *Section 313(g)(1) of the Water Resources Development*  
 23          *Act of 1992 (106 Stat. 4846) is amended by striking*  
 24          *“\$80,000,000” and inserting “\$180,000,000”.*

1 **SEC. 352. COOPER RIVER, CHARLESTON HARBOR, SOUTH**  
2 **CAROLINA.**

3       *The project for rediversion, Cooper River, Charleston*  
4 *Harbor, South Carolina, authorized by section 101 of the*  
5 *River and Harbor Act of 1968 (82 Stat. 731) and modified*  
6 *by title I of the Energy and Water Development Appropria-*  
7 *tions Act, 1992 (105 Stat. 516), is further modified to au-*  
8 *thorize the Secretary to pay to the State of South Carolina*  
9 *not more than \$3,750,000 if the Secretary and the State*  
10 *enter into a binding agreement for the State to perform all*  
11 *future operation of, including associated studies to assess*  
12 *the efficacy of, the St. Stephen, South Carolina, fish lift.*  
13 *The agreement must specify the terms and conditions under*  
14 *which payment will be made and the rights of, and remedies*  
15 *available to, the Federal Government to recover all or a por-*  
16 *tion of such payment in the event the State suspends or*  
17 *terminates operation of the fish lift or fails to operate the*  
18 *fish lift in a manner satisfactory to the Secretary. Mainte-*  
19 *nance of the fish lift shall remain a Federal responsibility.*

20 **SEC. 353. BOWIE COUNTY LEVEE, TEXAS.**

21       *The project for flood control, Red River Below Denison*  
22 *Dam, Texas and Oklahoma, authorized by section 10 of the*  
23 *Flood Control Act of 1946 (60 Stat. 647), is modified to*  
24 *direct the Secretary to implement the Bowie County Levee*  
25 *feature of the project in accordance with the plan defined*  
26 *as Alternative B in the draft document entitled “Bowie*

1 *County Local Flood Protection, Red River, Texas Project*  
 2 *Design Memorandum No. 1, Bowie County Levee”, dated*  
 3 *April 1997. In evaluating and implementing this modifica-*  
 4 *tion, the Secretary shall allow the non-Federal interest to*  
 5 *participate in the financing of the project in accordance*  
 6 *with section 903(c) of the Water Resources Development Act*  
 7 *of 1986 (100 Stat. 4184) to the extent that the Secretary’s*  
 8 *evaluation indicates that applying such section is necessary*  
 9 *to implement the project.*

10 **SEC. 354. CLEAR CREEK, TEXAS.**

11 *Section 575 of the Water Resources Development Act*  
 12 *of 1996 (110 Stat. 3789) is amended by adding at the end*  
 13 *the following:*

14 *“(c) CLEAR CREEK, TEXAS.—In any evaluation of eco-*  
 15 *nomie benefits and costs for the project for flood control,*  
 16 *Clear Creek, Texas, authorized by section 203 of the Flood*  
 17 *Control Act of 1968 (82 Stat. 742) that occurs after the*  
 18 *date of enactment of this subsection, the Secretary shall in-*  
 19 *clude the costs and benefits of nonstructural measures un-*  
 20 *dertaken, including any buyout or relocation actions, of*  
 21 *non-Federal interests within the drainage area of such*  
 22 *project before the date of the evaluation in the determina-*  
 23 *tion of conditions existing before the construction of the*  
 24 *project.”.*

1 **SEC. 355. CYPRESS CREEK, TEXAS.**

2       (a) *IN GENERAL.*—*The project for flood control, Cy-*  
 3 *press Creek, Texas, authorized by section 3(a)(13) of the*  
 4 *Water Resources Development Act of 1988 (102 Stat. 4014),*  
 5 *is modified to authorize the Secretary to carry out a non-*  
 6 *structural flood control project at a total cost of \$5,000,000.*

7       (b) *REIMBURSEMENT FOR WORK.*—*The Secretary may*  
 8 *reimburse the non-Federal interest for the Cypress Creek*  
 9 *project for work done by the non-Federal interest on the*  
 10 *nonstructural flood control project in an amount equal to*  
 11 *the estimate of the Federal share, without interest, of the*  
 12 *cost of such work—*

13               (1) *if, after authorization and before initiation*  
 14 *of construction of such nonstructural project, the Sec-*  
 15 *retary approves the plans for construction of such*  
 16 *nonstructural project by the non-Federal interest; and*

17               (2) *if the Secretary finds, after a review of stud-*  
 18 *ies and design documents prepared to carry out such*  
 19 *nonstructural project, that construction of such non-*  
 20 *structural project is economically justified and envi-*  
 21 *ronmentally acceptable.*

22 **SEC. 356. DALLAS FLOODWAY EXTENSION, DALLAS, TEXAS.**

23       *The project for flood control, Dallas Floodway Exten-*  
 24 *sion, Dallas, Texas, authorized by section 301 of the River*  
 25 *and Harbor Act of 1965 (79 Stat. 1091) and modified by*

1 *section 351 of the Water Resources Development Act of 1996*  
2 *(110 Stat. 3724), is further modified—*

3 *(1) to add environmental restoration and recre-*  
4 *ation as project purposes; and*

5 *(2) to authorize the Secretary to construct the*  
6 *project substantially in accordance with the Chain of*  
7 *Wetlands Plan in the report of the Corps of Engineers*  
8 *at a total cost of \$123,200,000, with an estimated*  
9 *Federal cost of \$80,000,000 and an estimated non-*  
10 *Federal cost of \$43,200,000.*

11 **SEC. 357. UPPER JORDAN RIVER, UTAH.**

12 *The project for flood control, Upper Jordan River,*  
13 *Utah, authorized by section 101(a)(23) of the Water Re-*  
14 *sources Development Act of 1990 (104 Stat. 4610) and*  
15 *modified by section 301(a)(14) of the Water Resources De-*  
16 *velopment Act of 1996 (110 Stat. 3709), is further modified*  
17 *to direct the Secretary to carry out the locally preferred*  
18 *project, entitled “Upper Jordan River Flood Control*  
19 *Project, Salt Lake County, Utah—Supplemental Informa-*  
20 *tion” and identified in the document of Salt Lake County,*  
21 *Utah, dated July 30, 1998, at a total cost of \$12,870,000,*  
22 *with an estimated Federal cost of \$8,580,000 and an esti-*  
23 *mated non-Federal cost of \$4,290,000.*

1 **SEC. 358. ELIZABETH RIVER, CHESAPEAKE, VIRGINIA.**

2 *Notwithstanding any other provision of law, after the*  
 3 *date of enactment of this Act, the city of Chesapeake, Vir-*  
 4 *ginia, shall not be obligated to make the annual cash con-*  
 5 *tribution required under paragraph 1(9) of the Local Co-*  
 6 *operation Agreement dated December 12, 1978, between the*  
 7 *Government and the city for the project for navigation,*  
 8 *southern branch of Elizabeth River, Chesapeake, Virginia.*

9 **SEC. 359. BLUESTONE LAKE, OHIO RIVER BASIN, WEST VIR-**  
 10 **GINIA.**

11 *Section 102(ff) of the Water Resources Development*  
 12 *Act of 1992 (106 Stat. 4810) is amended by striking “take*  
 13 *such measures as are technologically feasible” and inserting*  
 14 *“implement Plan C/G, as defined in the Evaluation Report*  
 15 *of the District Engineer, dated December 1996,”.*

16 **SEC. 360. GREENBRIER BASIN, WEST VIRGINIA.**

17 *Section 579(c) of the Water Resources Development Act*  
 18 *of 1996 (110 Stat. 3790) is amended by striking*  
 19 *“\$12,000,000” and inserting “\$73,000,000.”*

20 **SEC. 361. MOOREFIELD, WEST VIRGINIA.**

21 *The project for flood control, Moorefield, West Virginia,*  
 22 *authorized by section 101(a)(25) of the Water Resources De-*  
 23 *velopment Act of 1990 (104 Stat. 4610-4611), is modified*  
 24 *to provide that the non-Federal interest shall not be re-*  
 25 *quired to pay the unpaid balance, including interest, of the*  
 26 *non-Federal share of the cost of the project.*

1 **SEC. 362. WEST VIRGINIA AND PENNSYLVANIA FLOOD CON-**  
2 **TROL.**

3 *Section 581(a) of the Water Resources Development*  
4 *Act of 1996 (110 Stat. 3790) is amended to read as follows:*

5 “(a) *IN GENERAL.*—*The Secretary may design and*  
6 *construct—*

7 “(1) *flood control measures in the Cheat and*  
8 *Tygart River basins, West Virginia, at a level of pro-*  
9 *tection that is sufficient to prevent any future losses*  
10 *to these communities from flooding such as occurred*  
11 *in January 1996 but no less than a 100-year level of*  
12 *protection; and*

13 “(2) *structural and nonstructural flood control,*  
14 *streambank protection, stormwater management, and*  
15 *channel clearing and modification measures in the*  
16 *Lower Allegheny, Lower Monongahela, West Branch*  
17 *Susquehanna, and Juniata River basins, Pennsyl-*  
18 *vania, at a level of protection that is sufficient to pre-*  
19 *vent any future losses to communities in these basins*  
20 *from flooding such as occurred in January 1996, but*  
21 *no less than a 100-year level of flood protection with*  
22 *respect to those measures that incorporate levees or*  
23 *floodwalls.”.*

24 **SEC. 363. PROJECT REAUTHORIZATIONS.**

25 (a) *LEE CREEK, ARKANSAS AND OKLAHOMA.*—*The*  
26 *project for flood protection on Lee Creek, Arkansas and*

1 *Oklahoma, authorized by section 204 of the Flood Control*  
 2 *Act of 1965 (79 Stat. 1078) and deauthorized pursuant to*  
 3 *section 1001(b)(1) of the Water Resources Development Act*  
 4 *of 1986 (33 U.S.C. 579a(b)(1)), is authorized to be carried*  
 5 *out by the Secretary.*

6       (b) *INDIAN RIVER COUNTY, FLORIDA.—The project for*  
 7 *shore protection, Indian River County, Florida, authorized*  
 8 *by section 501 of the Water Resources and Development Act*  
 9 *of 1986 (100 Stat. 4134) and deauthorized pursuant to sec-*  
 10 *tion 1001(b)(1) of the Water Resources Development Act of*  
 11 *1986 (33 U.S.C. 579a(b)(1)), is authorized to be carried out*  
 12 *by the Secretary.*

13       (c) *LIDO KEY, FLORIDA.—The project for shore protec-*  
 14 *tion, Lido Key, Florida, authorized by section 101 of the*  
 15 *River and Harbor Act of 1970 (84 Stat. 1819) and de-*  
 16 *authorized pursuant to section 1001(b)(2) of the Water Re-*  
 17 *sources Development Act of 1986 (33 U.S.C. 579a(b)(2)), is*  
 18 *authorized to be carried out by the Secretary.*

19       (d) *ST. AUGUSTINE, ST. JOHNS COUNTY, FLORIDA.—*  
 20           (1) *IN GENERAL.—The project for shore protec-*  
 21 *tion and storm damage reduction, St. Augustine, St.*  
 22 *Johns County, Florida, authorized by section 501 of*  
 23 *the Water Resources Development Act of 1986 and de-*  
 24 *authorized pursuant to section 1001(a) of such Act*  
 25 *(33 U.S.C. 579a(a)), is authorized to include naviga-*



1        *tion mitigation as a project purpose and to be carried*  
 2        *out by the Secretary substantially in accordance with*  
 3        *the General Reevaluation Report dated November 18,*  
 4        *1998, at a total cost of \$16,086,000, with an esti-*  
 5        *mated Federal cost of \$12,949,000 and an estimated*  
 6        *non-Federal cost of \$3,137,000.*

7            (2) *PERIODIC NOURISHMENT.*—*The Secretary is*  
 8        *authorized to carry out periodic nourishment for the*  
 9        *project for a 50-year period at an estimated average*  
 10       *annual cost of \$1,251,000, with an estimated annual*  
 11       *Federal cost of \$1,007,000 and an estimated annual*  
 12       *non-Federal cost of \$244,000.*

13        (e) *CASS RIVER, MICHIGAN (VASSAR).*—*The project for*  
 14       *flood protection, Cass River, Michigan (Vassar), authorized*  
 15       *by section 203 of the Flood Control Act of 1958 (72 Stat.*  
 16       *311) and deauthorized pursuant to section 1001(b)(2) of the*  
 17       *Water Resources Development Act of 1986 (33 U.S.C.*  
 18       *579a(b)(2)), is authorized to be carried out by the Sec-*  
 19       *retary.*

20        (f) *SAGINAW RIVER, MICHIGAN (SHIAWASSEE*  
 21       *FLATS).*—*The project for flood control, Saginaw River,*  
 22       *Michigan (Shiawassee Flats), authorized by section 203 of*  
 23       *the Flood Control Act of 1958 (72 Stat. 311) and deauthor-*  
 24       *ized pursuant to section 1001(b)(2) of the Water Resources*

1 *Development Act of 1986 (33 U.S.C. 579a(b)(2)), is author-*  
 2 *ized to be carried out by the Secretary.*

3 (g) *PARK RIVER, GRAFTON, NORTH DAKOTA.—The*  
 4 *project for flood control, Park River, Grafton, North Da-*  
 5 *kota, authorized by section 401(a) of the Water Resources*  
 6 *Development Act of 1986 (100 Stat. 4121) and deauthorized*  
 7 *pursuant to section 1001(a) of such Act (33 U.S.C.*  
 8 *579a(a)), is authorized to be carried out by the Secretary.*

9 (h) *MEMPHIS HARBOR, MEMPHIS, TENNESSEE.—The*  
 10 *project for navigation, Memphis Harbor, Memphis, Ten-*  
 11 *nessee, authorized by section 601(a) of the Water Resources*  
 12 *Development Act of 1986 (100 Stat. 4145) and deauthorized*  
 13 *pursuant to 1001(a) of such Act (33 U.S.C 579a(a)), is au-*  
 14 *thorized to be carried out by the Secretary.*

15 **SEC. 364. PROJECT DEAUTHORIZATIONS.**

16 (a) *IN GENERAL.—The following projects or portions*  
 17 *of projects are not authorized after the date of enactment*  
 18 *of this Act:*

19 (1) *BRIDGEPORT HARBOR, CONNECTICUT.—That*  
 20 *portion of the project for navigation, Bridgeport Har-*  
 21 *bor, Connecticut, authorized by section 101 of the*  
 22 *River and Harbor Act of 1958 (72 Stat. 297), con-*  
 23 *sisting of a 2.4-acre anchorage area, 9 feet deep, and*  
 24 *an adjacent 0.6-acre anchorage, 6 feet deep, located on*  
 25 *the west side of Johnsons River.*

1           (2) *CLINTON HARBOR, CONNECTICUT.*—*That por-*  
 2           *tion of the project for navigation, Clinton Harbor,*  
 3           *Connecticut, authorized by the Rivers and Harbors*  
 4           *Act of 1945, House Document 240, 76th Congress, 1st*  
 5           *Session, lying upstream of a line designated by the 2*  
 6           *points N158,592.12, E660,193.92 and N158,444.58,*  
 7           *E660,220.95.*

8           (3) *BASS HARBOR, MAINE.*—*The following por-*  
 9           *tions of the project for navigation, Bass Harbor,*  
 10          *Maine, authorized on May 7, 1962, under section 107*  
 11          *of the River and Harbor Act of 1960 (33 U.S.C. 577):*

12           (A) *Beginning at a bend in the project,*  
 13           *N149040.00, E538505.00, thence running eas-*  
 14           *terly about 50.00 feet along the northern limit of*  
 15           *the project to a point N149061.55, E538550.11,*  
 16           *thence running southerly about 642.08 feet to a*  
 17           *point, N14877.64, E538817.18, thence running*  
 18           *southwesterly about 156.27 feet to a point on the*  
 19           *westerly limit of the project, N148348.50,*  
 20           *E538737.02, thence running northerly about*  
 21           *149.00 feet along the westerly limit of the project*  
 22           *to a bend in the project, N148489.22,*  
 23           *E538768.09, thence running northwesterly about*  
 24           *610.39 feet along the westerly limit of the project*  
 25           *to the point of origin.*

1                   (B) *Beginning at a point on the westerly*  
 2                   *limit of the project, N148118.55, E538689.05,*  
 3                   *thence running southeasterly about 91.92 feet to*  
 4                   *a point, N148041.43, E538739.07, thence run-*  
 5                   *ning southerly about 65.00 feet to a point,*  
 6                   *N147977.86, E538725.51, thence running south-*  
 7                   *westerly about 91.92 feet to a point on the west-*  
 8                   *erly limit of the project, N147927.84,*  
 9                   *E538648.39, thence running northerly about*  
 10                   *195.00 feet along the westerly limit of the project*  
 11                   *to the point of origin.*

12                   (4) *BOOTHBAY HARBOR, MAINE.—The project for*  
 13                   *navigation, Boothbay Harbor, Maine, authorized by*  
 14                   *the River and Harbor Act of 1912 (37 Stat. 201).*

15                   (5) *BUCKSPORT HARBOR, MAINE.—That portion*  
 16                   *of the project for navigation, Bucksport Harbor,*  
 17                   *Maine, authorized by the River and Harbor Act of*  
 18                   *1902, consisting of a 16-foot deep channel beginning*  
 19                   *at a point N268.748.16, E423.390.76, thence running*  
 20                   *north 47 degrees 02 minutes 23 seconds east 51.76 feet*  
 21                   *to a point N268.783.44, E423.428.64, thence running*  
 22                   *north 67 degrees 54 minutes 32 seconds west 1513.94*  
 23                   *feet to a point N269.352.81, E422.025.84, thence run-*  
 24                   *ning south 47 degrees 02 minutes 23 seconds west*  
 25                   *126.15 feet to a point N269.266.84, E421.933.52,*

1        *thence running south 70 degrees 24 minutes 28 sec-*  
 2        *onds east 1546.79 feet to the point of origin.*

3            (6) *EAST BOOTHBAY HARBOR, MAINE.—The*  
 4        *project for navigation, East Boothbay Harbor, Maine,*  
 5        *authorized by the first section of the Act entitled, “An*  
 6        *Act making appropriations for the construction, re-*  
 7        *pair, and preservation of certain public works on riv-*  
 8        *ers and harbors, and for other purposes”, approved*  
 9        *June 25, 1910 (36 Stat. 631).*

10           (7) *WELLS HARBOR, MAINE.—The following por-*  
 11        *tions of the project for navigation, Wells Harbor,*  
 12        *Maine, authorized by section 101 of the River and*  
 13        *Harbor Act of 1960 (74 Stat. 480):*

14            (A) *The portion of the 6-foot channel the*  
 15        *boundaries of which begin at a point with co-*  
 16        *ordinates N177,992.00, E394,831.00, thence run-*  
 17        *ning south 83 degrees 58 minutes 14.8 seconds*  
 18        *west 10.38 feet to a point N177,990.91,*  
 19        *E394,820.68, thence running south 11 degrees 46*  
 20        *minutes 47.7 seconds west 991.76 feet to a point*  
 21        *N177,020.04, E394,618.21, thence running south*  
 22        *78 degrees 13 minutes 45.7 seconds east 10.00*  
 23        *feet to a point N177,018.00, E394,628.00, thence*  
 24        *running north 11 degrees 46 minutes 22.8 sec-*  
 25        *onds east 994.93 feet to the point of origin.*

1           (B) The portion of the 6-foot anchorage the  
2 boundaries of which begin at a point with co-  
3 ordinates N177,778.07, E394,336.96, thence run-  
4 ning south 51 degrees 58 minutes 32.7 seconds  
5 west 15.49 feet to a point N177,768.53,  
6 E394,324.76, thence running south 11 degrees 46  
7 minutes 26.5 seconds west 672.87 feet to a point  
8 N177,109.82, E394,187.46, thence running south  
9 78 degrees 13 minutes 45.7 seconds east 10.00  
10 feet to a point N177,107.78, E394,197.25, thence  
11 running north 11 degrees 46 minutes 25.4 sec-  
12 onds east 684.70 feet to the point of origin.

13           (C) The portion of the 10-foot settling basin  
14 the boundaries of which begin at a point with co-  
15 ordinates N177,107.78, E394,197.25, thence run-  
16 ning north 78 degrees 13 minutes 45.7 seconds  
17 west 10.00 feet to a point N177,109.82,  
18 E394,187.46, thence running south 11 degrees 46  
19 minutes 15.7 seconds west 300.00 feet to a point  
20 N176,816.13, E394,126.26, thence running south  
21 78 degrees 12 minutes 21.4 seconds east 9.98 feet  
22 to a point N176,814.09, E394,136.03, thence  
23 running north 11 degrees 46 minutes 29.1 sec-  
24 onds east 300.00 feet to the point of origin.

1                   (D) *The portion of the 10-foot settling basin*  
 2                   *the boundaries of which begin at a point with co-*  
 3                   *ordinates N177,018.00, E394,628.00, thence run-*  
 4                   *ning north 78 degrees 13 minutes 45.7 seconds*  
 5                   *west 10.00 feet to a point N177,020.04,*  
 6                   *E394,618.21, thence running south 11 degrees 46*  
 7                   *minutes 44.0 seconds west 300.00 feet to a point*  
 8                   *N176,726.36, E394,556.97, thence running south*  
 9                   *78 degrees 12 minutes 30.3 seconds east 10.03*  
 10                  *feet to a point N176,724.31, E394,566.79, thence*  
 11                  *running north 11 degrees 46 minutes 22.4 sec-*  
 12                  *onds east 300.00 feet to the point of origin.*

13                  (8) *FALMOUTH HARBOR, MASSACHUSETTS.—*  
 14                  *That portion of the project for navigation, Falmouth*  
 15                  *Harbor, Massachusetts, authorized by section 101 of*  
 16                  *the River and Harbor Act of 1948 lying southeasterly*  
 17                  *of a line commencing at a point N199,286.41,*  
 18                  *E844,394.91, thence running north 66 degrees 52*  
 19                  *minutes 3.31 seconds east 472.95 feet to a point*  
 20                  *N199,472.21, E844,829.83, thence running north 43*  
 21                  *degrees 9 minutes 28.3 seconds east 262.64 feet to a*  
 22                  *point N199,633.80, E845,009.48, thence running*  
 23                  *north 21 degrees 40 minutes 11.26 seconds east 808.38*  
 24                  *feet to a point N200,415.05, E845,307.98, thence run-*  
 25                  *ning north 32 degrees 25 minutes 29.01 seconds east*

1      160.76 feet to a point N200,550.75, E845,394.18,  
 2      thence running north 24 degrees 56 minutes 42.29  
 3      seconds east 1,410.29 feet to a point N201,829.48,  
 4      E845,988.97.

5            (9) GREEN HARBOR, MASSACHUSETTS.—That  
 6      portion of the project for navigation, Green Harbor,  
 7      Massachusetts, undertaken pursuant to section 107 of  
 8      the River and Harbor Act of 1960 (33 U.S.C. 577),  
 9      consisting of the 6-foot deep channel beginning at a  
 10     point along the west limit of the existing project,  
 11     North 395990.43, East 831079.16, thence running  
 12     northwesterly about 752.85 feet to a point, North  
 13     396722.80, East 830904.76, thence running north-  
 14     westerly about 222.79 feet to a point along the west  
 15     limit of the existing project, North 396844.34, East  
 16     830718.04, thence running southwesterly about 33.72  
 17     feet along the west limit of the existing project to a  
 18     point, North 396810.80, East 830714.57, thence run-  
 19     ning southeasterly about 195.42 feet along the west  
 20     limit of the existing project to a point, North  
 21     396704.19, East 830878.35, thence running about  
 22     544.66 feet along the west limit of the existing project  
 23     to a point, North 396174.35, East 831004.52, thence  
 24     running southeasterly about 198.49 feet along the west  
 25     limit of the existing project to the point of beginning.



(10) NEW BEDFORD AND FAIRHAVEN HARBOR,  
 MASSACHUSETTS.—*The following portions of the  
 project for navigation, New Bedford and Fairhaven  
 Harbor, Massachusetts:*

(A) *A portion of the 25-foot spur channel  
 leading to the west of Fish Island, authorized by  
 the River and Harbor Act of 3 March 1909, be-  
 ginning at a point with coordinates  
 N232,173.77, E758,791.32, thence running south  
 27 degrees 36 minutes 52.8 seconds west 38.2 feet  
 to a point N232,139.91, E758,773.61, thence  
 running south 87 degrees 35 minutes 31.6 sec-  
 onds west 196.84 feet to a point N232,131.64,  
 E758,576.94, thence running north 47 degrees 47  
 minutes 48.4 seconds west 502.72 feet to a point  
 N232,469.35, E758,204.54, thence running north  
 10 degrees 10 minutes 20.3 seconds west 438.88  
 feet to a point N232,901.33, E758,127.03, thence  
 running north 79 degrees 49 minutes 43.1 sec-  
 onds east 121.69 feet to a point N232,922.82,  
 E758,246.81, thence running south 04 degrees 29  
 minutes 17.6 seconds east 52.52 feet to a point  
 N232,870.46, E758,250.92, thence running south  
 23 degrees 56 minutes 11.2 seconds east 49.15  
 feet to a point N323,825.54, E758,270.86, thence*

1        *running south 79 degrees 49 minutes 27.0 sec-*  
 2        *onds west 88.19 feet to a point N232,809.96,*  
 3        *E758,184.06, thence running south 10 degrees 10*  
 4        *minutes 25.7 seconds east 314.83 feet to a point*  
 5        *N232,500.08, E758,239.67, thence running south*  
 6        *56 degrees 33 minutes 56.1 seconds east 583.07*  
 7        *feet to a point N232,178.82, E758,726.25, thence*  
 8        *running south 85 degrees 33 minutes 16.0 sec-*  
 9        *onds east to the point of origin.*

10            *(B) A portion of the 30-foot west maneu-*  
 11        *vering basin, authorized by the River and Har-*  
 12        *bor Act of 3 July 1930, beginning at a point*  
 13        *with coordinates N232,139.91, E758,773.61,*  
 14        *thence running north 81 degrees 49 minutes 30.1*  
 15        *seconds east 160.76 feet to a point N232,162.77,*  
 16        *E758.932.74, thence running north 85 degrees 33*  
 17        *minutes 16.0 seconds west 141.85 feet to a point*  
 18        *N232,173.77, E758,791.32, thence running south*  
 19        *27 degrees 36 minutes 52.8 seconds west to the*  
 20        *point of origin.*

21        *(b) ANCHORAGE AREA, CLINTON HARBOR, CON-*  
 22        *NECTICUT.—That portion of the Clinton Harbor, Con-*  
 23        *necticut, navigation project referred to in subsection (a)(2)*  
 24        *beginning at a point beginning: N158,444.58, E660,220.95,*  
 25        *thence running north 79 degrees 37 minutes 14 seconds east*

1 833.31 feet to a point N158,594.72, E661,040.67, thence  
 2 running south 80 degrees 51 minutes 53 seconds east 181.21  
 3 feet to a point N158,565.95, E661,219.58, thence running  
 4 north 57 degrees 38 minutes 04 seconds west 126.02 feet  
 5 to a point N158,633.41, E660,113.14, thence running south  
 6 79 degrees 37 minutes 14 seconds west 911.61 feet to a point  
 7 N158,469.17, E660,216.44, thence running south 10 degrees  
 8 22 minutes 46 seconds east 25 feet returning to a point  
 9 N158,444.58, E660,220.95 is redesignated as an anchorage  
 10 area.

11 (c) WELLS HARBOR, MAINE.—

12 (1) PROJECT MODIFICATION.—The project for  
 13 navigation, Wells Harbor, Maine, navigation project  
 14 referred to in subsection (a)(7) is modified to author-  
 15 ize the Secretary to realign the channel and anchor-  
 16 age areas based on a harbor design capacity of 150  
 17 craft.

18 (2) REDESIGNATIONS.—

19 (A) 6-FOOT ANCHORAGE.—The following  
 20 portions of the project for navigation, Wells Har-  
 21 bor, Maine, navigation project referred to in sub-  
 22 section (a)(7) shall be redesignated as part of the  
 23 6-foot anchorage:

24 (i) The portion of the 6-foot channel  
 25 the boundaries of which begin at a point

1                   with coordinates N177,990.91, E394,820.68,  
 2                   thence running south 83 degrees 58 minutes  
 3                   40.8 seconds west 94.65 feet to a point  
 4                   N177,980.98, E394,726.55, thence running  
 5                   south 11 degrees 46 minutes 22.4 seconds  
 6                   west 962.83 feet to a point N177,038.40,  
 7                   E394,530.10, thence running south 78 de-  
 8                   grees 13 minutes 45.7 seconds east 90.00 feet  
 9                   to a point N177,020.04, E394,618.21, thence  
 10                  running north 11 degrees 46 minutes 47.7  
 11                  seconds east 991.76 feet to the point of ori-  
 12                  gin.

13                  (ii) The portion of the 10-foot inner  
 14                  harbor settling basin the boundaries of  
 15                  which begin at a point with coordinates  
 16                  N177,020.04, E394,618.21, thence running  
 17                  north 78 degrees 13 minutes 30.5 seconds  
 18                  west 160.00 feet to a point N177,052.69,  
 19                  E394,461.58, thence running south 11 de-  
 20                  grees 46 minutes 45.4 seconds west 299.99  
 21                  feet to a point N176,759.02, E394,400.34,  
 22                  thence running south 78 degrees 13 minutes  
 23                  17.9 seconds east 160 feet to a point  
 24                  N176,726.36, E394,556.97, thence running

1                   *north 11 degrees 46 minutes 44.0 seconds*  
 2                   *east 300.00 feet to the point of origin.*

3                   *(B) 6-FOOT CHANNEL.—The following por-*  
 4                   *tion of the project for navigation, Wells Harbor,*  
 5                   *Maine, navigation project referred to in sub-*  
 6                   *section (a)(7) shall be redesignated as part of the*  
 7                   *6-foot channel: the portion of the 6-foot anchor-*  
 8                   *age the boundaries of which begin at a point*  
 9                   *with coordinates N178,102.26, E394,751.83,*  
 10                   *thence running south 51 degrees 59 minutes 42.1*  
 11                   *seconds west 526.51 feet to a point N177,778.07,*  
 12                   *E394,336.96, thence running south 11 degrees 46*  
 13                   *minutes 26.6 seconds west 511.83 feet to a point*  
 14                   *N177,277.01, E394,232.52, thence running south*  
 15                   *78 degrees 13 minutes 17.9 seconds east 80.00*  
 16                   *feet to a point N177,260.68, E394,310.84, thence*  
 17                   *running north 11 degrees 46 minutes 24.8 sec-*  
 18                   *onds east 482.54 feet to a point N177,733.07,*  
 19                   *E394,409.30, thence running north 51 degrees 59*  
 20                   *minutes 41.0 seconds east 402.63 feet to a point*  
 21                   *N177,980.98, E394,726.55, thence running north*  
 22                   *11 degrees 46 minutes 27.6 seconds east 123.89*  
 23                   *feet to the point of origin.*

24                   *(3) REALIGNMENT.—The 6-foot anchorage area*  
 25                   *described in paragraph (2)(B) shall be realigned to*

1       include the area located south of the inner harbor set-  
 2       tling basin in existence on the date of enactment of  
 3       this Act beginning at a point with coordinates  
 4       N176,726.36, E394,556.97, thence running north 78  
 5       degrees 13 minutes 17.9 seconds west 160.00 feet to  
 6       a point N176,759.02, E394,400.34, thence running  
 7       south 11 degrees 47 minutes 03.8 seconds west 45 feet  
 8       to a point N176,714.97, E394,391.15, thence running  
 9       south 78 degrees 13 minutes 17.9 seconds 160.00 feet  
 10      to a point N176,682.31, E394,547.78, thence running  
 11      north 11 degrees 47 minutes 03.8 seconds east 45 feet  
 12      to the point of origin.

13           (4) *RELOCATION.*—The Secretary may relocate  
 14      the settling basin feature of the project for navigation,  
 15      Wells Harbor, Maine, navigation project referred to  
 16      in subsection (a)(7) to the outer harbor between the  
 17      jetties.

18           (d) *ANCHORAGE AREA, GREEN HARBOR, MASSACHU-*  
 19      *SETTS.*—The portion of the Green Harbor, Massachusetts,  
 20      navigation project referred to in subsection (a)(9) consisting  
 21      of a 6-foot deep channel that lies northerly of a line whose  
 22      coordinates are North 394825.00, East 831660.00 and  
 23      North 394779.28, East 831570.64 is redesignated as an an-  
 24      chorage area.

1 **SEC. 365. AMERICAN AND SACRAMENTO RIVERS, CALI-**  
2 **FORNIA.**

3 (a) *IN GENERAL.*—*The project for flood damage reduc-*  
4 *tion, American and Sacramento Rivers, California, author-*  
5 *ized by section 101(a)(1) of the Water Resources Develop-*  
6 *ment Act of 1996 (110 Stat. 3662–3663), is modified to di-*  
7 *rect the Secretary to include the following improvements as*  
8 *part of the overall project:*

9 (1) *Raising the left bank of the non-Federal levee*  
10 *upstream of the Mayhew Drain for a distance of*  
11 *4,500 feet by an average of 2.5 feet.*

12 (2) *Raising the right bank of the American River*  
13 *levee from 1,500 feet upstream to 4,000 feet down-*  
14 *stream of the Howe Avenue bridge by an average of*  
15 *1 feet.*

16 (3) *Modifying the south levee of the Natomas*  
17 *Cross Canal for a distance of 5 miles to ensure that*  
18 *the south levee is consistent with the level of protec-*  
19 *tion provided by the authorized levee along the east*  
20 *bank of the Sacramento River.*

21 (4) *Modifying the north levee of the Natomas*  
22 *Cross Canal for a distance of 5 miles to ensure that*  
23 *the height of the levee is equivalent to the height of*  
24 *the south levee as authorized by paragraph (3).*

1           (5) *Installing gates to the existing Mayhew*  
2           *Drain culvert and pumps to prevent backup of flood-*  
3           *water on the Folsom Boulevard side of the gates.*

4           (6) *Installation of a slurry wall in the north*  
5           *levee of the American River from the east levee of the*  
6           *Natomas east Main Drain upstream for a distance of*  
7           *approximately 1.2 miles.*

8           (7) *Installation of a slurry wall in the north*  
9           *levee of the American River from 300 feet west of*  
10          *Jacob Lane north for a distance of approximately 1*  
11          *mile to the end of the existing levee.*

12          (b) *COST LIMITATIONS.—Section 101(a)(1)(A) of the*  
13          *Water Resources Development Act of 1996 (110 Stat. 3662)*  
14          *is amended by striking “at a total cost of” and all that*  
15          *follows through “\$14,225,000,” and inserting the following:*  
16          *“at a total cost of \$91,900,000, with an estimated Federal*  
17          *cost of \$68,925,000 and an estimated non-Federal cost of*  
18          *\$22,975,000.”.*

19          (c) *COST SHARING.—For purposes of section 103 of the*  
20          *Water Resources Development Act of 1986 (33 U.S.C. 2213),*  
21          *the modifications authorized by this section shall be subject*  
22          *to the same cost sharing in effect for the project for flood*  
23          *damage reduction, American and Sacramento Rivers, Cali-*  
24          *fornia, authorized by section 101(a)(1) of the Water Re-*  
25          *sources Development Act of 1996 (110 Stat. 3662).*



1 **SEC. 366. MARTIN, KENTUCKY.**

2       *The project for flood control, Martin, Kentucky, au-*  
 3 *thorized by section 202(a) of the Energy and Water Devel-*  
 4 *opment Appropriations Act, 1981 (94 Stat. 1339) is modi-*  
 5 *fied to authorize the Secretary to take all necessary meas-*  
 6 *ures to prevent future losses that would occur from a flood*  
 7 *equal in magnitude to a 100-year frequency event.*

8                   **TITLE IV—STUDIES**

9 **SEC. 401. UPPER MISSISSIPPI AND ILLINOIS RIVERS LEV-**  
 10 **EES AND STREAMBANKS PROTECTION.**

11       *The Secretary shall conduct a study of erosion damage*  
 12 *to levees and infrastructure on the upper Mississippi and*  
 13 *Illinois Rivers and the impact of increased barge and pleas-*  
 14 *ure craft traffic on deterioration of levees and other flood*  
 15 *control structures on such rivers.*

16 **SEC. 402. UPPER MISSISSIPPI RIVER COMPREHENSIVE**  
 17 **PLAN.**

18       (a) *DEVELOPMENT.*—*The Secretary shall develop a*  
 19 *plan to address water and related land resources problems*  
 20 *and opportunities in the Upper Mississippi and Illinois*  
 21 *River Basins, extending from Cairo, Illinois, to the head-*  
 22 *waters of the Mississippi River, in the interest of systemic*  
 23 *flood damage reduction by means of a mixture of structural*  
 24 *and nonstructural flood control and floodplain management*  
 25 *strategies, continued maintenance of the navigation project,*  
 26 *management of bank caving and erosion, watershed nutri-*

1 *ent and sediment management, habitat management, recre-*  
2 *ation needs, and other related purposes.*

3       (b) *CONTENTS.*—*The plan shall contain recommenda-*  
4 *tions on future management plans and actions to be carried*  
5 *out by the responsible Federal and non-Federal entities and*  
6 *shall specifically address recommendations to authorize con-*  
7 *struction of a systemic flood control project in accordance*  
8 *with a plan for the Upper Mississippi River. The plan shall*  
9 *include recommendations for Federal action where appro-*  
10 *priate and recommendations for follow-on studies for prob-*  
11 *lem areas for which data or current technology does not*  
12 *allow immediate solutions.*

13       (c) *CONSULTATION AND USE OF EXISTING DATA.*—*The*  
14 *Secretary shall consult with appropriate State and Federal*  
15 *agencies and shall make maximum use of existing data and*  
16 *ongoing programs and efforts of States and Federal agencies*  
17 *in developing the plan.*

18       (d) *COST SHARING.*—*Development of the plan under*  
19 *this section shall be at Federal expense. Feasibility studies*  
20 *resulting from development of such plan shall be subject to*  
21 *cost sharing under section 105 of the Water Resources De-*  
22 *velopment Act of 1986 (33 U.S.C. 2215).*

23       (e) *REPORT.*—*The Secretary shall submit a report that*  
24 *includes the comprehensive plan to the Committee on*  
25 *Transportation and Infrastructure of the House of Rep-*

1 *representatives and the Committee on Environment and Public*  
2 *Works of the Senate not later than 3 years after the date*  
3 *of enactment of this Act.*

4 **SEC. 403. EL DORADO, UNION COUNTY, ARKANSAS.**

5 *The Secretary shall conduct a study to determine the*  
6 *feasibility of improvements to regional water supplies for*  
7 *El Dorado, Union County, Arkansas.*

8 **SEC. 404. SWEETWATER RESERVOIR, SAN DIEGO COUNTY,**  
9 **CALIFORNIA.**

10 *The Secretary shall conduct a study of the potential*  
11 *water quality problems and pollution abatement measures*  
12 *in the watershed in and around Sweetwater Reservoir, San*  
13 *Diego County, California.*

14 **SEC. 405. WHITEWATER RIVER BASIN, CALIFORNIA.**

15 *The Secretary shall undertake and complete a feasi-*  
16 *bility study for flood damage reduction in the Whitewater*  
17 *River basin, California, and, based upon the results of such*  
18 *study, give priority consideration to including the rec-*  
19 *ommended project, including the Salton Sea wetlands res-*  
20 *toration project, in the flood mitigation and riverine res-*  
21 *toration pilot program authorized in section 214 of this Act.*

1 **SEC. 406. LITTLE ECONLACKHATCHEE RIVER BASIN, FLOR-**  
2 **IDA.**

3 *The Secretary shall conduct a study of pollution abate-*  
4 *ment measures in the Little Econlackhatchee River basin,*  
5 *Florida.*

6 **SEC. 407. PORT EVERGLADES INLET, FLORIDA.**

7 *The Secretary shall conduct a study to determine the*  
8 *feasibility of carrying out a sand bypass project at Port*  
9 *Everglades Inlet, Florida.*

10 **SEC. 408. UPPER DES PLAINES RIVER AND TRIBUTARIES, IL-**  
11 **LINOIS AND WISCONSIN.**

12 *(a) IN GENERAL.—The Secretary is directed to con-*  
13 *duct a study of the upper Des Plaines River and tributaries,*  
14 *Illinois and Wisconsin, upstream of the confluence with*  
15 *Salt Creek at Riverside, Illinois, to determine the feasibility*  
16 *of improvements in the interests of flood damage reduction,*  
17 *environmental restoration and protection, water quality,*  
18 *recreation, and related purposes.*

19 *(b) SPECIAL RULE.—In conducting the study, the Sec-*  
20 *retary may not exclude from consideration and evaluation*  
21 *flood damage reduction measures based on restrictive poli-*  
22 *cies regarding the frequency of flooding, drainage area, and*  
23 *amount of runoff.*

1 **SEC. 409. CAMERON PARISH WEST OF CALCASIEU RIVER,**  
2 **LOUISIANA.**

3 *The Secretary shall conduct a study to determine the*  
4 *feasibility of carrying out a project for storm damage reduc-*  
5 *tion and environmental restoration, Cameron Parish west*  
6 *of Calcasieu River, Louisiana.*

7 **SEC. 410. GRAND ISLE AND VICINITY, LOUISIANA.**

8 *In carrying out a study of the storm damage reduction*  
9 *benefits to Grand Isle and vicinity, Louisiana, the Sec-*  
10 *retary shall include benefits that a storm damage reduction*  
11 *project for Grand Isle and vicinity, Louisiana, may have*  
12 *on the mainland coast of Louisiana as project benefits at-*  
13 *tributable to the Grand Isle project.*

14 **SEC. 411. LAKE PONTCHARTRAIN SEAWALL, LOUISIANA.**

15 *(a) IN GENERAL.—The Secretary shall complete a*  
16 *post-authorization change report on the project for hurri-*  
17 *cane-flood protection, Lake Pontchartrain, Louisiana, and*  
18 *vicinity, authorized by section 204 of the Flood Control Act*  
19 *of 1965 (79 Stat. 1077), to incorporate and accomplish*  
20 *structural modifications to the seawall fronting protection*  
21 *along the south shore of Lake Pontchartrain from the New*  
22 *Basin Canal on the west to the Inner harbor Navigation*  
23 *Canal on the east.*

24 *(b) REPORT.—The Secretary shall ensure expeditious*  
25 *completion of the post-authorization change report required*

1 *by subsection (a) not later than 180 days after the date*  
2 *of enactment of this section.*

3 **SEC. 412. WESTPORT, MASSACHUSETTS.**

4 *The Secretary shall conduct a study to determine the*  
5 *feasibility of carrying out a navigation project for the town*  
6 *of Westport, Massachusetts, and the possible beneficial uses*  
7 *of dredged material for shoreline protection and storm dam-*  
8 *age reduction in the area. In determining the benefits of*  
9 *the project, the Secretary shall include the benefits derived*  
10 *from using dredged material for shoreline protection and*  
11 *storm damage reduction.*

12 **SEC. 413. SOUTHWEST VALLEY, ALBUQUERQUE, NEW MEX-**  
13 **ICO.**

14 *The Secretary shall undertake and complete a feasi-*  
15 *bility study for flood damage reduction in the Southwest*  
16 *Valley, Albuquerque, New Mexico, and, based upon the re-*  
17 *sults of such study, give priority consideration to including*  
18 *the recommended project in the flood mitigation and*  
19 *riverine restoration pilot program authorized in section 214*  
20 *of this Act.*

21 **SEC. 414. CAYUGA CREEK, NEW YORK.**

22 *The Secretary shall conduct a study to determine the*  
23 *feasibility of carrying out a project for flood control for Ca-*  
24 *yuga Creek, New York.*

1 **SEC. 415. ARCOLA CREEK WATERSHED, MADISON, OHIO.**

2       *The Secretary shall conduct a study to determine the*  
3 *feasibility of a project to provide environmental restoration*  
4 *and protection for the Arcola Creek watershed, Madison,*  
5 *Ohio.*

6 **SEC. 416. WESTERN LAKE ERIE BASIN, OHIO, INDIANA, AND**  
7 **MICHIGAN.**

8       *(a) IN GENERAL.—The Secretary shall conduct a*  
9 *study to develop measures to improve flood control, naviga-*  
10 *tion, water quality, recreation, and fish and wildlife habi-*  
11 *tat in a comprehensive manner in the western Lake Erie*  
12 *basin, Ohio, Indiana, and Michigan, including watersheds*  
13 *of the Maumee, Ottawa, and Portage Rivers.*

14       *(b) COOPERATION.—In carrying out the study, the*  
15 *Secretary shall cooperate with interested Federal, State,*  
16 *and local agencies and nongovernmental organizations and*  
17 *consider all relevant programs of such agencies.*

18       *(c) REPORT.—Not later than 1 year after the date of*  
19 *enactment of this Act, the Secretary shall submit to Con-*  
20 *gress a report on the results of the study, including findings*  
21 *and recommendations.*

22 **SEC. 417. SCHUYLKILL RIVER, NORRISTOWN, PENNSYL-**  
23 **VANIA.**

24       *The Secretary shall conduct a study to determine the*  
25 *feasibility of carrying out a project for flood control for*

1 *Schuylkill River, Norristown, Pennsylvania, including im-*  
2 *provement to existing stormwater drainage systems.*

3 **SEC. 418. LAKES MARION AND MOULTRIE, SOUTH CARO-**  
4 **LINA.**

5 *The Secretary shall conduct a study to determine the*  
6 *feasibility of carrying out a project for Lakes Marion and*  
7 *Moultrie to provide water supply, treatment, and distribu-*  
8 *tion to Calhoun, Clarendon, Colleton, Dorchester, Orange-*  
9 *burg, and Sumter Counties, South Carolina.*

10 **SEC. 419. DAY COUNTY, SOUTH DAKOTA.**

11 *The Secretary shall conduct an investigation of flood-*  
12 *ing and other water resources problems between the James*  
13 *River and Big Sioux watersheds in South Dakota and an*  
14 *assessment of flood damage reduction needs of the area.*

15 **SEC. 420. CORPUS CHRISTI, TEXAS.**

16 *The Secretary shall include, as part of the study au-*  
17 *thorized in a resolution of the Committee on Public Works*  
18 *and Transportation of the House of Representatives, dated*  
19 *August 1, 1990, a review of two 175-foot-wide barge shelves*  
20 *on either side of the navigation channel at the Port of Cor-*  
21 *pus Christi, Texas.*



1 **SEC. 421. MITCHELL'S CUT CHANNEL (CANEY FORK CUT),**  
 2 **TEXAS.**

3 *The Secretary shall conduct a study to determine the*  
 4 *feasibility of carrying out a project for navigation, Mitch-*  
 5 *ell's Cut Channel (Caney Fork Cut), Texas.*

6 **SEC. 422. MOUTH OF COLORADO RIVER, TEXAS.**

7 *The Secretary shall conduct a study to determine the*  
 8 *feasibility of carrying out a project for navigation at the*  
 9 *mouth of the Colorado River, Texas, to provide a minimum*  
 10 *draft navigation channel extending from the Colorado River*  
 11 *through Parkers Cut (also known as "Tiger Island Cut"),*  
 12 *or an acceptable alternative, to Matagorda Bay.*

13 **SEC. 423. KANAWHA RIVER, FAYETTE COUNTY, WEST VIR-**  
 14 **GINIA.**

15 *The Secretary shall conduct a study to determine the*  
 16 *feasibility of developing a public port along the Kanawha*  
 17 *River in Fayette County, West Virginia, at a site known*  
 18 *as "Longacre".*

19 **SEC. 424. WEST VIRGINIA PORTS.**

20 *The Secretary shall conduct a study to determine the*  
 21 *feasibility of expanding public port development in West*  
 22 *Virginia along the Ohio River and navigable portion of the*  
 23 *Kanawha River from its mouth to river mile 91.0*

24 **SEC. 425. GREAT LAKES REGION COMPREHENSIVE STUDY.**

25 *(a) STUDY.—The Secretary shall conduct a com-*  
 26 *prehensive study of the Great Lakes region to ensure the*

1 *future use, management, and protection of water and re-*  
 2 *lated resources of the Great Lakes basin. Such study shall*  
 3 *include a comprehensive management plan specifically for*  
 4 *St. Clair River and Lake St. Clair.*

5 (b) *REPORT.*—*Not later than 4 years after the date*  
 6 *of enactment of this Act, the Secretary shall submit to the*  
 7 *Committee on Transportation and Infrastructure of the*  
 8 *House of Representatives and the Committee on Environ-*  
 9 *ment and Public Works of the Senate a report that includes*  
 10 *the strategic plan for Corps of Engineers programs in the*  
 11 *Great Lakes basin and details of proposed Corps of Engi-*  
 12 *neers environmental, navigation, and flood damage reduc-*  
 13 *tion projects in the region.*

14 (c) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 15 *authorized to be appropriated to carry out this section*  
 16 *\$1,400,000 for fiscal years 2000 through 2003.*

17 **SEC. 426. NUTRIENT LOADING RESULTING FROM DREDGED**  
 18 **MATERIAL DISPOSAL.**

19 (a) *STUDY.*—*The Secretary shall conduct a study of*  
 20 *nutrient loading that occurs as a result of discharges of*  
 21 *dredged material into open-water sites in the Chesapeake*  
 22 *Bay.*

23 (b) *REPORT.*—*Not later than 18 months after the date*  
 24 *of enactment of this Act, the Secretary shall transmit to*  
 25 *Congress a report on the results of the study.*

1 **SEC. 427. SANTEE DELTA FOCUS AREA, SOUTH CAROLINA.**

2       *The Secretary shall conduct a study of the Santee*  
 3 *Delta focus area, South Carolina, to determine the feasi-*  
 4 *bility of carrying out a project for enhancing wetlands val-*  
 5 *ues and public recreational opportunities in the area.*

6               **TITLE V—MISCELLANEOUS**  
 7               **PROVISIONS**

8 **SEC. 501. CORPS ASSUMPTION OF NRCS PROJECTS.**

9       (a) *LLAGAS CREEK, CALIFORNIA.—The Secretary is*  
 10 *authorized to complete the remaining reaches of the Natural*  
 11 *Resources Conservation Service’s flood control project at*  
 12 *Llagas Creek, California, undertaken pursuant to section*  
 13 *5 of the Watershed Protection and Flood Prevention Act (16*  
 14 *U.S.C. 1005), substantially in accordance with the Natural*  
 15 *Resources Conservation Service watershed plan for Llagas*  
 16 *Creek, Department of Agriculture, and in accordance with*  
 17 *the requirements of local cooperation as specified in section*  
 18 *4 of such Act, at a total cost of \$45,000,000, with an esti-*  
 19 *mated Federal cost of \$21,800,000 and an estimated non-*  
 20 *Federal cost of \$23,200,000.*

21       (b) *THORNTON RESERVOIR, COOK COUNTY, ILLI-*  
 22 *NOIS.—*

23               (1) *IN GENERAL.—The Thornton Reservoir*  
 24 *project, an element of the project for flood control,*  
 25 *Chicagoland Underflow Plan, Illinois, authorized by*  
 26 *section 3(a)(5) of the Water Resources Development*

1     *Act of 1988 (102 Stat. 4013), is modified to authorize*  
2     *the Secretary to include additional permanent flood*  
3     *control storage attributable to the Natural Resources*  
4     *Conservation Service Thornton Reservoir (Structure*  
5     *84), Little Calumet River Watershed, Illinois, ap-*  
6     *proved under the Watershed Protection and Flood*  
7     *Prevention Act (16 U.S.C. 1001 et seq.).*

8             (2) *COST SHARING.*—*Costs for the Thornton Res-*  
9     *ervoir project shall be shared in accordance with sec-*  
10    *tion 103 of the Water Resources Development Act of*  
11    *1986 (33 U.S.C. 2213).*

12            (3) *TRANSITIONAL STORAGE.*—*The Secretary of*  
13    *Agriculture may cooperate with non-Federal interests*  
14    *to provide, on a transitional basis, flood control stor-*  
15    *age for the Natural Resources Conservation Service*  
16    *Thornton Reservoir (Structure 84) in the west lobe of*  
17    *the Thornton quarry in advance of Corps' construc-*  
18    *tion.*

19            (4) *CREDITING.*—*The Secretary may credit*  
20    *against the non-Federal share of the Thornton Res-*  
21    *ervoir project all design, lands, easements, rights-of-*  
22    *way (as of the date of authorization), and construc-*  
23    *tion costs incurred by the non-Federal interests before*  
24    *the signing of the project cooperation agreement.*

1           (5) *REEVALUATION REPORT.*—*The Secretary*  
 2           *shall determine the credits authorized by paragraph*  
 3           *(4) that are integral to the Thornton Reservoir project*  
 4           *and the current total project costs based on a limited*  
 5           *reevaluation report.*

6 **SEC. 502. CONSTRUCTION ASSISTANCE.**

7           *Section 219(e) of the Water Resources Development Act*  
 8           *of 1992 (106 Stat. 4836–4837) is amended by striking*  
 9           *paragraphs (5) and (6) and inserting the following:*

10           “(5) \$25,000,000 for the project described in sub-  
 11           section (c)(2);

12           “(6) \$20,000,000 for the project described in sub-  
 13           section (c)(9);

14           “(7) \$30,000,000 for the project described in sub-  
 15           section (c)(16); and

16           “(8) \$30,000,000 for the project described in sub-  
 17           section (c)(17).”.

18 **SEC. 503. CONTAMINATED SEDIMENT DREDGING TECH-**  
 19           **NOLOGY.**

20           (a) *CONTAMINATED SEDIMENT DREDGING PROJECT.*—

21           (1) *REVIEW.*—*The Secretary shall conduct a re-*  
 22           *view of innovative dredging technologies designed to*  
 23           *minimize or eliminate contamination of a water col-*  
 24           *umn upon removal of contaminated sediments. The*  
 25           *Secretary shall complete such review by June 1, 2001.*

1           (2) *TESTING.*—*After completion of the review*  
 2           *under paragraph (1), the Secretary shall select the*  
 3           *technology of those reviewed that the Secretary deter-*  
 4           *mines will increase the effectiveness of removing con-*  
 5           *taminated sediments and significantly reduce con-*  
 6           *tamination of the water column. Not later than De-*  
 7           *cember 31, 2001, the Secretary shall enter into an*  
 8           *agreement with a public or private entity to test such*  
 9           *technology in the vicinity of Peoria Lakes, Illinois.*

10          (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 11          *authorized to be appropriated to carry out this section*  
 12          *\$2,000,000.*

13       **SEC. 504. DAM SAFETY.**

14          (a) *ASSISTANCE.*—*The Secretary is authorized to pro-*  
 15          *vide assistance to enhance dam safety at the following loca-*  
 16          *tions:*

17               (1) *Healdsburg Veteran's Memorial Dam, Cali-*  
 18               *fornia*

19               (2) *Felix Dam, Pennsylvania*

20               (3) *Kehly Run Dam, Pennsylvania*

21               (4) *Owl Creek Reservoir, Pennsylvania*

22               (5) *Sweet Arrow Lake Dam, Pennsylvania*

23          (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 24          *authorized to be appropriated \$6,000,000 to carry out this*  
 25          *section.*

1 **SEC. 505. GREAT LAKES REMEDIAL ACTION PLANS.**

2       Section 401(a)(2) of the Water Resources Development  
3 Act of 1990 (110 Stat. 3763) is amended by adding at the  
4 end the following: “Nonprofit public or private entities may  
5 contribute all or a portion of the non-Federal share.”.

6 **SEC. 506. SEA LAMPREY CONTROL MEASURES IN THE**  
7 **GREAT LAKES.**

8       (a) *IN GENERAL.*—In conjunction with the Great  
9 Lakes Fishery Commission, the Secretary is authorized to  
10 undertake a program for the control of sea lampreys in and  
11 around waters of the Great Lakes. The program undertaken  
12 pursuant to this section may include projects which consist  
13 of either structural or nonstructural measures or a com-  
14 bination thereof.

15       (b) *COST SHARING.*—Projects carried out under this  
16 section on lands owned by the United States shall be carried  
17 out at full Federal expense. The non-Federal share of the  
18 cost of any such project undertaken on lands not in Federal  
19 ownership shall be 35 percent.

20       (c) *NON-FEDERAL INTERESTS.*—Notwithstanding sec-  
21 tion 221(b) of the Flood Control Act of 1970 (42 U.S.C.  
22 1962d–5b(b)), the Secretary, after coordination with the ap-  
23 propriate State and local government officials having juris-  
24 diction over an area in which a project under this section  
25 will be carried out, may allow a nonprofit entity to serve  
26 as the non-Federal interest for the project.

1       (d) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 2 *authorized to be appropriated to carry out this section*  
 3 *\$2,000,000 for each of fiscal years 2000 through 2005.*

4 **SEC. 507. MAINTENANCE OF NAVIGATION CHANNELS.**

5       *Section 509(a) of the Water Resources Development*  
 6 *Act of 1996 (110 Stat. 3759) is amended by adding at the*  
 7 *end the following:*

8               “(12) *Acadiana Navigation Channel, Louisiana.*

9               “(13) *Contraband Bayou, Louisiana, as part of*  
 10 *the Calcasieu River and Pass Ship Channel.*

11              “(14) *Lake Wallula Navigation Channel, Wash-*  
 12 *ington.*

13              “(15) *Wadley Pass (also known as McGriff*  
 14 *Pass), Suwanee River, Florida.”.*

15 **SEC. 508. MEASUREMENT OF LAKE MICHIGAN DIVERSIONS.**

16       *Section 1142(b) of the Water Resources Development*  
 17 *Act of 1986 (42 U.S.C. 1962d–20 note; 100 Stat. 4253) is*  
 18 *amended by striking “\$250,000” and inserting*  
 19 *“\$1,250,000”.*

20 **SEC. 509. UPPER MISSISSIPPI RIVER ENVIRONMENTAL**  
 21 **MANAGEMENT PROGRAM.**

22       (a) *AUTHORIZED ACTIVITIES.*—*Section 1103(e)(1) of*  
 23 *the Water Resources Development Act of 1986 (33 U.S.C.*  
 24 *652(e)(1)) is amended—*



1           (1) by inserting “and” at the end of subpara-  
2       graph (A);

3           (2) in subparagraph (B) by striking “long-term  
4       resource monitoring program; and” and inserting  
5       “long-term resource monitoring, computerized data  
6       inventory and analysis, and applied research pro-  
7       gram.”; and

8           (3) by striking subparagraph (C) and inserting  
9       the following:

10      *“In carrying out subparagraph (A), the Secretary shall es-  
11      tablish an independent technical advisory committee to re-  
12      view projects, monitoring plans, and habitat and natural  
13      resource needs assessments.”.*

14      (b) *REPORTS.*—Section 1103(e)(2) of such Act (33  
15      U.S.C. 652(e)(2)) is amended to read as follows:

16           “(2) *REPORTS.*—Not later than December 31,  
17       2004, and not later than December 31st of every sixth  
18       year thereafter, the Secretary, in consultation with  
19       the Secretary of the Interior and the States of Illinois,  
20       Iowa, Minnesota, Missouri, and Wisconsin, shall  
21       transmit to Congress a report that—

22                   “(A) contains an evaluation of the pro-  
23                   grams described in paragraph (1);

24                   “(B) describes the accomplishments of each  
25                   of such programs;

1                   “(C) *provides updates of a systemic habitat*  
2                   *needs assessment; and*

3                   “(D) *identifies any needed adjustments in*  
4                   *the authorization.*”.

5           (c) *AUTHORIZATION OF APPROPRIATIONS.—Section*  
6   1103(e) *of such Act (33 U.S.C. 652(e)) is amended—*

7                   (1) *in paragraph (3) by striking “not to exceed”*  
8                   *and all that follows before the period at the end and*  
9                   *inserting “\$22,750,000 for fiscal year 1999 and each*  
10                  *fiscal year thereafter”;*

11                  (2) *in paragraph (4) by striking “not to exceed”*  
12                  *and all that follows before the period at the end and*  
13                  *inserting “\$10,420,000 for fiscal year 1999 and each*  
14                  *fiscal year thereafter”;* and

15                  (3) *by striking paragraph (5) and inserting the*  
16                  *following:*

17                       “(5) *AUTHORIZATION OF APPROPRIATIONS.—*  
18                       *There is authorized to be appropriated to carry out*  
19                       *paragraph (1)(A) \$350,000 for each of fiscal years*  
20                       *1999 through 2009.*”.

21           (d) *TRANSFER OF AMOUNTS.—Section 1103(e)(6) of*  
22   *such Act is amended to read as follows:*

23                       “(6) *TRANSFER OF AMOUNTS.—For fiscal year*  
24                       *1999, and each fiscal year thereafter, the Secretary,*  
25                       *in consultation with the Secretary of the Interior and*

1        *the States of Illinois, Iowa, Minnesota, Missouri, and*  
 2        *Wisconsin, may transfer not to exceed 20 percent of*  
 3        *the amounts appropriated to carry out subparagraph*  
 4        *(A) or (B) of paragraph (1) to the amounts appro-*  
 5        *priated to carry out the other of such subpara-*  
 6        *graphs.”.*

7        *(e) HABITAT NEEDS ASSESSMENT.—Section*  
 8        *1103(h)(2) of such Act (33 U.S.C. 652(h)(2)) is amended*  
 9        *by adding at the end the following: “The Secretary shall*  
 10        *complete the on-going habitat needs assessment conducted*  
 11        *under this paragraph not later than September 30, 2000,*  
 12        *and shall include in each report required by subsection*  
 13        *(e)(2) the most recent habitat needs assessment conducted*  
 14        *under this paragraph.”.*

15        *(f) CONFORMING AMENDMENTS.—Section 1103 of such*  
 16        *Act (33 U.S.C. 652) is amended—*

17                *(1) in subsection (e)(7) by striking “paragraphs*  
 18                *(1)(B) and (1)(C)” and inserting “paragraph*  
 19                *(1)(B)”;* *and*

20                *(2) in subsection (f)(2)—*

21                        *(A) by striking “(2)(A)” and inserting*  
 22                        *“(2)”;* *and*

23                        *(B) by striking subparagraph (B).*

1 **SEC. 510. ATLANTIC COAST OF NEW YORK MONITORING.**

2        *Section 404(c) of the Water Resources Development Act*  
 3 *of 1992 (106 Stat. 4863) is amended by striking “1993,*  
 4 *1994, 1995, 1996, and 1997” and inserting “1993 through*  
 5 *2003”.*

6 **SEC. 511. WATER CONTROL MANAGEMENT.**

7        *(a) IN GENERAL.—In evaluating potential improve-*  
 8 *ments for water control management activities and consoli-*  
 9 *dation of water control management centers, the Secretary*  
 10 *may consider a regionalized water control management*  
 11 *plan but may not implement such a plan until the date*  
 12 *on which a report is transmitted under subsection (b).*

13        *(b) REPORT.—Not later than 180 days after the date*  
 14 *of enactment of this Act, the Secretary shall transmit to*  
 15 *the Committee on Transportation and Infrastructure and*  
 16 *the Committee on Appropriations of the House of Rep-*  
 17 *resentatives and the Committee on Environment and Public*  
 18 *Works and the Committee on Appropriations of the Senate*  
 19 *a report containing the following:*

20                *(1) A description of the primary objectives of*  
 21 *streamlining water control management activities.*

22                *(2) A description of the benefits provided by*  
 23 *streamlining water control management activities*  
 24 *through consolidation of centers for such activities.*

25                *(3) A determination of whether or not benefits to*  
 26 *users of regional water control management centers*

1       *will be retained in each district office of the Corps of*  
 2       *Engineers that does not have a regional center.*

3           (4) *A determination of whether or not users of*  
 4       *such regional centers will receive a higher level of ben-*  
 5       *efits from streamlining water management control*  
 6       *management activities.*

7           (5) *A list of the Members of Congress who rep-*  
 8       *resent a district that currently includes a water con-*  
 9       *trol management center that is to be eliminated under*  
 10      *a proposed regionalized plan.*

11   **SEC. 512. BENEFICIAL USE OF DREDGED MATERIAL.**

12       *The Secretary is authorized to carry out the following*  
 13      *projects under section 204 of the Water Resources Develop-*  
 14      *ment Act of 1992 (33 U.S.C. 2326):*

15           (1) *BODEGA BAY, CALIFORNIA.—A project to*  
 16       *make beneficial use of dredged materials from a Fed-*  
 17       *eral navigation project in Bodega Bay, California.*

18           (2) *SABINE REFUGE, LOUISIANA.—A project to*  
 19       *make beneficial use of dredged materials from Federal*  
 20       *navigation projects in the vicinity of Sabine Refuge,*  
 21       *Louisiana.*

22           (3) *HANCOCK, HARRISON, AND JACKSON COUN-*  
 23       *TIES, MISSISSIPPI.—A project to make beneficial use*  
 24       *of dredged material from a Federal navigation project*

1        *in Hancock, Harrison, and Jackson Counties, Mis-*  
 2        *issippi.*

3            (4) *ROSE CITY MARSH, ORANGE COUNTY,*  
 4        *TEXAS.—A project to make beneficial use of dredged*  
 5        *material from a Federal navigation project in Rose*  
 6        *City Marsh, Orange County, Texas.*

7            (5) *BESSIE HEIGHTS MARSH, ORANGE COUNTY,*  
 8        *TEXAS.—A project to make beneficial use of dredged*  
 9        *material from a Federal navigation project in Bessie*  
 10       *Heights Marsh, Orange County, Texas.*

11    **SEC. 513. DESIGN AND CONSTRUCTION ASSISTANCE.**

12        *Section 507(2) of the Water Resources Development*  
 13       *Act of 1996 (110 Stat. 3758) is amended to read as follows:*

14            “(2) *Expansion and improvement of Long Pine*  
 15        *Run Dam and associated water infrastructure in ac-*  
 16        *cordance with the requirements of subsections (b)*  
 17        *through (e) of section 313 of the Water Resources De-*  
 18        *velopment Act of 1992 (106 Stat. 4845) at a total cost*  
 19        *of \$20,000,000.”.*

20    **SEC. 514. LOWER MISSOURI RIVER AQUATIC RESTORATION**  
 21            **PROJECTS.**

22        (a) *IN GENERAL.—Not later than 1 year after funds*  
 23        *are made available for such purposes, the Secretary shall*  
 24        *complete a comprehensive report—*

1           (1) *identifying a general implementation strat-*  
2           *egy and overall plan for environmental restoration*  
3           *and protection along the Lower Missouri River be-*  
4           *tween Gavins Point Dam and the confluence of the*  
5           *Missouri and Mississippi Rivers; and*

6           (2) *recommending individual environmental res-*  
7           *toration projects that can be considered by the Sec-*  
8           *retary for implementation under section 206 of the*  
9           *Water Resources Development Act of 1996 (33 U.S.C.*  
10          *2330; 110 Stat. 3679–3680).*

11          (b) *SCOPE OF PROJECTS.—Any environmental res-*  
12          *toration projects recommended under subsection (a) shall*  
13          *provide for such activities and measures as the Secretary*  
14          *determines to be necessary to protect and restore fish and*  
15          *wildlife habitat without adversely affecting private property*  
16          *rights or water related needs of the region surrounding the*  
17          *Missouri River, including flood control, navigation, and en-*  
18          *hancement of water supply, and shall include some or all*  
19          *of the following components:*

20               (1) *Modification and improvement of navigation*  
21               *training structures to protect and restore fish and*  
22               *wildlife habitat.*

23               (2) *Modification and creation of side channels to*  
24               *protect and restore fish and wildlife habitat.*

1           (3) *Restoration and creation of fish and wildlife*  
2       *habitat.*

3           (4) *Physical and biological monitoring for evalu-*  
4       *ating the success of the projects.*

5       (c) *COORDINATION.—To the maximum extent prac-*  
6       *ticable, the Secretary shall integrate projects carried out in*  
7       *accordance with this section with other Federal, tribal, and*  
8       *State restoration activities.*

9       (d) *COST SHARING.—The report under subsection (a)*  
10      *shall be undertaken at full Federal expense.*

11      **SEC. 515. AQUATIC RESOURCES RESTORATION IN THE**  
12                                      **NORTHWEST.**

13       (a) *IN GENERAL.—In cooperation with other Federal*  
14       *agencies, the Secretary is authorized to develop and imple-*  
15       *ment projects for fish screens, fish passage devices, and other*  
16       *similar measures agreed to by non-Federal interests and*  
17       *relevant Federal agencies to mitigate adverse impacts asso-*  
18       *ciated with irrigation system water diversions by local gov-*  
19       *ernmental entities in the States of Oregon, Washington,*  
20       *Montana, and Idaho.*

21       (b) *PROCEDURE AND PARTICIPATION.—*

22           (1) *CONSULTATION REQUIREMENT; USE OF EX-*  
23       *ISTING DATA.—In providing assistance under sub-*  
24       *section (a), the Secretary shall consult with other Fed-*  
25       *eral, State, and local agencies and make maximum*



1        *use of data and studies in existence on the date of en-*  
2        *actment of this Act.*

3            (2) *PARTICIPATION BY NON-FEDERAL INTER-*  
4        *ESTS.—Participation by non-Federal interests in*  
5        *projects under this section shall be voluntary. The*  
6        *Secretary shall not take any action under this section*  
7        *that will result in a non-Federal interest being held*  
8        *financially responsible for an action under a project*  
9        *unless the non-Federal interest has voluntarily agreed*  
10       *to participate in the project.*

11       (c) *COST SHARING.—Projects carried out under this*  
12       *section on lands owned by the United States shall be carried*  
13       *out at full Federal expense. The non-Federal share of the*  
14       *cost of any such project undertaken on lands not in Federal*  
15       *ownership shall be 35 percent.*

16       (d) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
17       *authorized to be appropriated to carry out this section*  
18       *\$10,000,000 for fiscal years beginning after September 30,*  
19       *1999.*

20       **SEC. 516. INNOVATIVE TECHNOLOGIES FOR WATERSHED**  
21            **RESTORATION.**

22        *The Secretary shall use, and encourage the use of, in-*  
23        *novative treatment technologies, including membrane tech-*  
24        *nologies, for watershed and environmental restoration and*  
25        *protection projects involving water quality.*

1 **SEC. 517. ENVIRONMENTAL RESTORATION.**

2 (a) ATLANTA, GEORGIA.—Section 219(c)(2) of the  
3 Water Resources Development Act of 1992 (106 Stat. 4835)  
4 is amended by inserting before the period “and watershed  
5 restoration and development in the regional Atlanta water-  
6 shed, including Big Creek and Rock Creek”.

7 (b) PATERSON AND PASSAIC VALLEY, NEW JERSEY.—  
8 Section 219(c)(9) of such Act (106 Stat. 4836) is amended  
9 to read as follows:

10 “(9) PATERSON, PASSAIC COUNTY, AND PASSAIC  
11 VALLEY, NEW JERSEY.—Drainage facilities to allevi-  
12 ate flooding problems on Getty Avenue in the vicinity  
13 of St. Joseph’s Hospital for the City of Paterson, New  
14 Jersey, and Passaic County, New Jersey, and innova-  
15 tive facilities to manage and treat additional flows in  
16 the Passaic Valley, Passaic River basin, New Jer-  
17 sey.”.

18 **SEC. 518. EXPEDITED CONSIDERATION OF CERTAIN**  
19 **PROJECTS.**

20 The Secretary shall expedite completion of the reports  
21 for the following projects and proceed directly to project  
22 planning, engineering, and design:

23 (1) Arroyo Pasajero, San Joaquin River basin,  
24 California, project for flood control.

25 (2) Success Dam, Tule River, California, project  
26 for flood control and water supply.

1           (3) *Alafia Channel, Tampa Harbor, Florida,*  
2           *project for navigation.*

3   **SEC. 519. DOG RIVER, ALABAMA.**

4           (a) *IN GENERAL.*—*The Secretary is authorized to es-*  
5           *tablish, in cooperation with non-Federal interests, a pilot*  
6           *project to restore natural water depths in the Dog River,*  
7           *Alabama, between its mouth and the Interstate Route 10*  
8           *crossing, and in the downstream portion of its principal*  
9           *tributaries.*

10          (b) *FORM OF ASSISTANCE.*—*Assistance provided under*  
11          *subsection (a) shall be in the form of design and construc-*  
12          *tion of water-related resource protection and development*  
13          *projects affecting the Dog River, including environmental*  
14          *restoration and recreational navigation.*

15          (c) *NON-FEDERAL SHARE.*—*The non-Federal share of*  
16          *the cost of the project carried out with assistance under this*  
17          *section shall be 90 percent.*

18          (d) *LANDS, EASEMENTS, AND RIGHTS-OF-WAY.*—*The*  
19          *non-Federal sponsor provide all lands, easements, rights of*  
20          *way, relocations, and dredged material disposal areas in-*  
21          *cluding retaining dikes required for the project.*

22          (e) *OPERATION MAINTENANCE.*—*The non-Federal*  
23          *share of the cost of operation, maintenance, repair, replace-*  
24          *ment, or rehabilitation of the project carried out with assist-*  
25          *ance under this section shall be 100 percent.*

1       (f) *CREDIT TOWARD NON-FEDERAL SHARE.*—The  
 2   *value of the lands, easements, rights of way, relocations, and*  
 3   *dredged material disposal areas, including retaining dikes,*  
 4   *provided by the non-Federal sponsor shall be credited to-*  
 5   *ward the non-Federal share.*

6   **SEC. 520. ELBA, ALABAMA.**

7       *The Secretary is authorized to repair and rehabilitate*  
 8   *a levee in the city of Elba, Alabama at a total cost of*  
 9   *\$12,900,000.*

10   **SEC. 521. GENEVA, ALABAMA.**

11       *The Secretary is authorized to repair and rehabilitate*  
 12   *a levee in the city of Geneva, Alabama at a total cost of*  
 13   *\$16,600,000.*

14   **SEC. 522. NAVAJO RESERVATION, ARIZONA, NEW MEXICO,**  
 15                   **AND UTAH.**

16       (a) *IN GENERAL.*—In cooperation with other appro-  
 17   *priate Federal and local agencies, the Secretary shall under-*  
 18   *take a survey of, and provide technical, planning, and de-*  
 19   *sign assistance for, watershed management, restoration, and*  
 20   *development on the Navajo Indian Reservation, Arizona,*  
 21   *New Mexico, and Utah.*

22       (b) *COST SHARING.*—The Federal share of the cost of  
 23   *activities carried out under this section shall be 75 percent.*  
 24   *Funds made available under the Indian Self-Determination*  
 25   *and Education Assistance Act (25 U.S.C. 450 et seq.) may*

1 *be used by the Navajo Nation in meeting the non-Federal*  
 2 *share of the cost of such activities.*

3 (c) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
 4 *authorized to be appropriated to carry out this section*  
 5 *\$12,000,000 for fiscal years beginning after September 30,*  
 6 *1999.*

7 **SEC. 523. AUGUSTA AND DEVALLS BLUFF, ARKANSAS.**

8 (a) *IN GENERAL.—The Secretary is authorized to per-*  
 9 *form operations, maintenance, and rehabilitation on 37*  
 10 *miles of levees in and around Augusta and Devalls Bluff,*  
 11 *Arkansas.*

12 (b) *REIMBURSEMENT.—After performing the oper-*  
 13 *ations, maintenance, and rehabilitation under subsection*  
 14 *(a), the Secretary shall seek reimbursement from the Sec-*  
 15 *retary of the Interior of an amount equal to the costs allo-*  
 16 *cated to benefits to a Federal wildlife refuge of such oper-*  
 17 *ations, maintenance, and rehabilitation.*

18 **SEC. 524. BEAVER LAKE, ARKANSAS.**

19 (a) *WATER SUPPLY STORAGE REALLOCATION.—The*  
 20 *Secretary shall reallocate approximately 31,000 additional*  
 21 *acre-feet at Beaver Lake, Arkansas, to water supply storage*  
 22 *at no additional cost to the Beaver Water District or the*  
 23 *Carroll-Boone Water District above the amount that has al-*  
 24 *ready been contracted for. At no time may the bottom of*

1 *the conservation pool be at an elevation that is less than*  
 2 *1,076 feet NGVD.*

3 (b) *CONTRACT PRICING.*—*The contract price for addi-*  
 4 *tional storage for the Carroll-Boone Water District beyond*  
 5 *that which is provided for in subsection (a) shall be based*  
 6 *on the original construction cost of Beaver Lake and ad-*  
 7 *justed to the 1998 price level net of inflation between the*  
 8 *date of initiation of construction and the date of enactment*  
 9 *of this Act.*

10 **SEC. 525. BEAVER LAKE TROUT PRODUCTION FACILITY, AR-**  
 11 **KANSAS.**

12 (a) *EXPEDITED CONSTRUCTION.*—*The Secretary shall*  
 13 *construct, under the authority of section 105 of the Water*  
 14 *Resources Development Act of 1976 (90 Stat. 2921) and sec-*  
 15 *tion 1135 of the Water Resources Development Act of 1986*  
 16 *(100 Stat. 4251–4252), the Beaver Lake trout hatchery as*  
 17 *expeditiously as possible, but in no event later than Sep-*  
 18 *tember 30, 2002.*

19 (b) *MITIGATION PLAN.*—*Not later than 2 years after*  
 20 *the date of enactment of this Act, the Secretary, in conjunc-*  
 21 *tion with the State of Arkansas, shall prepare a plan for*  
 22 *the mitigation of effects of the Beaver Dam project on Bea-*  
 23 *ver Lake. Such plan shall provide for construction of the*  
 24 *Beaver Lake trout production facility and related facilities.*

1 **SEC. 526. CHINO DAIRY PRESERVE, CALIFORNIA.**

2       (a) *TECHNICAL ASSISTANCE.*—*The Secretary, in co-*  
3 *ordination with the heads of other Federal agencies, shall*  
4 *provide technical assistance to State and local agencies in*  
5 *the study, design, and implementation of measures for flood*  
6 *damage reduction and environmental restoration and pro-*  
7 *tection in the Santa Ana River watershed, California, with*  
8 *particular emphasis on structural and nonstructural meas-*  
9 *ures in the vicinity of the Chino Dairy Preserve.*

10       (b) *COMPREHENSIVE STUDY.*—*The Secretary shall*  
11 *conduct a feasibility study to determine the most cost-effec-*  
12 *tive plan for flood damage reduction and environmental*  
13 *restoration and protection in the vicinity of the Chino*  
14 *Dairy Preserve, Santa Ana River watershed, Orange Coun-*  
15 *ty and San Bernardino County, California.*

16 **SEC. 527. NOVATO, CALIFORNIA.**

17       *The Secretary shall carry out a project for flood control*  
18 *under section 205 of the Flood Control Act of 1948 (33*  
19 *U.S.C. 701s) at Rush Creek, Novato, California.*

20 **SEC. 528. ORANGE AND SAN DIEGO COUNTIES, CALIFORNIA.**

21       *The Secretary, in cooperation with local governments,*  
22 *may prepare special area management plans in Orange*  
23 *and San Diego Counties, California, to demonstrate the ef-*  
24 *fectiveness of using such plans to provide information re-*  
25 *garding aquatic resources. The Secretary may use such*

1 *plans in making regulatory decisions and issue permits*  
2 *consistent with such plans.*

3 **SEC. 529. SALTON SEA, CALIFORNIA.**

4 (a) *TECHNICAL ASSISTANCE.*—*The Secretary, in co-*  
5 *ordination with other Federal agencies, shall provide tech-*  
6 *nical assistance to Federal, State, and local agencies in the*  
7 *study, design, and implementation of measures for the envi-*  
8 *ronmental restoration and protection of the Salton Sea,*  
9 *California.*

10 (b) *STUDY.*—*The Secretary, in coordination with other*  
11 *Federal, State, and local agencies, shall conduct a study*  
12 *to determine the most effective plan for the Corps of Engi-*  
13 *neers to assist in the environmental restoration and protec-*  
14 *tion of the Salton Sea, California.*

15 **SEC. 530. SANTA CRUZ HARBOR, CALIFORNIA.**

16 *The Secretary is authorized to modify the cooperative*  
17 *agreement with the Santa Cruz Port District, California,*  
18 *to reflect unanticipated additional dredging effort and to*  
19 *extend such agreement for 10 years.*

20 **SEC. 531. POINT BEACH, MILFORD, CONNECTICUT.**

21 (a) *MAXIMUM FEDERAL EXPENDITURE.*—*The max-*  
22 *imum amount of Federal funds that may be expended for*  
23 *the project for hurricane and storm damage reduction,*  
24 *Point Beach, Milford, Connecticut, shall be \$3,000,000.*



1       (b) *REVISION OF PROJECT COOPERATION AGREEMENT.*—*The Secretary shall revise the project cooperation*  
 2 *MENT.*—*The Secretary shall revise the project cooperation*  
 3 *agreement for the project referred to in subsection (a) to*  
 4 *take into account the change in the Federal participation*  
 5 *in such project.*

6       (c) *COST SHARING.*—*Nothing in this section shall be*  
 7 *construed to affect any cost-sharing requirement applicable*  
 8 *to the project referred to in subsection (a) under section 101*  
 9 *of the Water Resources Development Act of 1986 (31 U.S.C.*  
 10 *2211).*

11 **SEC. 532. LOWER ST. JOHNS RIVER BASIN, FLORIDA.**

12       (a) *COMPUTER MODEL.*—

13               (1) *IN GENERAL.*—*The Secretary may apply the*  
 14 *computer model developed under the St. Johns River*  
 15 *basin feasibility study to assist non-Federal interests*  
 16 *in developing strategies for improving water quality*  
 17 *in the Lower St. Johns River basin, Florida.*

18               (2) *COST SHARING.*—*The non-Federal share of*  
 19 *the cost of assistance provided under this subsection*  
 20 *shall be 50 percent.*

21       (b) *TOPOGRAPHIC SURVEY.*—*The Secretary is author-*  
 22 *ized to provide 1-foot contour topographic survey maps of*  
 23 *the Lower St. Johns River basin, Florida, to non-Federal*  
 24 *interests for analyzing environmental data and establishing*  
 25 *benchmarks for subbasins.*

1 **SEC. 533. SHORELINE PROTECTION AND ENVIRONMENTAL**  
 2 **RESTORATION, LAKE ALLATOONA, GEORGIA.**

3 (a) *IN GENERAL.*—*The Secretary, in cooperation with*  
 4 *the Administrator of the Environmental Protection Agency,*  
 5 *is authorized to carry out the following water-related envi-*  
 6 *ronmental restoration and resource protection activities to*  
 7 *restore Lake Allatoona and the Etowah River in Georgia:*

8 (1) *LAKE ALLATOONA/ETOWAH RIVER SHORE-*  
 9 *LINE RESTORATION DESIGN.*—*Develop pre-construc-*  
 10 *tion design measures to alleviate shoreline erosion*  
 11 *and sedimentation problems.*

12 (2) *LITTLE RIVER ENVIRONMENTAL RESTORA-*  
 13 *TION.*—*Conduct a feasibility study to evaluate envi-*  
 14 *ronmental problems and recommend environmental*  
 15 *infrastructure restoration measures for the Little*  
 16 *River within Lake Allatoona, Georgia.*

17 (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 18 *authorized to be appropriated for fiscal years beginning*  
 19 *after September 30, 1999—*

20 (1) *\$850,000 to carry out subsection (a)(1); and*

21 (2) *\$250,000 to carry out subsection (a)(2).*

22 **SEC. 534. MAYO'S BAR LOCK AND DAM, COOSA RIVER, ROME,**  
 23 **GEORGIA.**

24 *The Secretary is authorized to provide technical assist-*  
 25 *ance, including planning, engineering, and design assist-*  
 26 *ance, for the reconstruction of the Mayo's Bar Lock and*

1 *Dam, Coosa River, Rome, Georgia. The non-Federal share*  
2 *of assistance under this section shall be 50 percent.*

3 **SEC. 535. COMPREHENSIVE FLOOD IMPACT RESPONSE**  
4 **MODELING SYSTEM, CORALVILLE RESERVOIR**  
5 **AND IOWA RIVER WATERSHED, IOWA.**

6 (a) *IN GENERAL.*—*The Secretary, in cooperation with*  
7 *the University of Iowa, shall conduct a study and develop*  
8 *a Comprehensive Flood Impact Response Modeling System*  
9 *for Coralville Reservoir and the Iowa River watershed,*  
10 *Iowa.*

11 (b) *CONTENTS OF STUDY.*—*The study shall include—*

12 (1) *an evaluation of the combined hydrologic,*  
13 *geomorphic, environmental, economic, social, and rec-*  
14 *reational impacts of operating strategies within the*  
15 *Iowa River watershed;*

16 (2) *development of an integrated, dynamic flood*  
17 *impact model; and*

18 (3) *development of a rapid response system to be*  
19 *used during flood and other emergency situations.*

20 (c) *REPORT TO CONGRESS.*—*Not later than 5 years*  
21 *after the date of enactment of this Act, the Secretary shall*  
22 *transmit to Congress a report containing the results of the*  
23 *study and modeling system together with such recommenda-*  
24 *tions as the Secretary determines to be appropriate.*

1       (d) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
2 *authorized to be appropriated to carry out this section*  
3 *\$900,000 for each of fiscal years 2000 through 2004.*

4 **SEC. 536. ADDITIONAL CONSTRUCTION ASSISTANCE IN IL-**  
5 **LINOIS.**

6       *The Secretary may carry out the project for George-*  
7 *town, Illinois, and the project for Olney, Illinois, referred*  
8 *to in House Report Number 104–741, accompanying Public*  
9 *Law 104–182.*

10 **SEC. 537. KANOPOLIS LAKE, KANSAS.**

11       (a) *WATER STORAGE.*—*The Secretary shall offer to the*  
12 *State of Kansas the right to purchase water storage in*  
13 *Kanopolis Lake, Kansas, at a price calculated in accord-*  
14 *ance with and in a manner consistent with the terms of*  
15 *the memorandum of understanding entitled “Memorandum*  
16 *of Understanding Between the State of Kansas and the U.S.*  
17 *Department of the Army Concerning the Purchase of Mu-*  
18 *nicipal and Industrial Water Supply Storage”, dated De-*  
19 *cember 11, 1985.*

20       (b) *EFFECTIVE DATE.*—*For the purposes of this sec-*  
21 *tion, the effective date of that memorandum of under-*  
22 *standing shall be deemed to be the date of enactment of this*  
23 *Act.*

1 **SEC. 538. SOUTHERN AND EASTERN KENTUCKY.**

2       Section 531(h) of the Water Resources Development  
3 Act of 1996 (110 Stat. 3774) is amended by striking  
4 “\$10,000,000” and inserting “\$25,000,000”.

5 **SEC. 539. SOUTHEAST LOUISIANA.**

6       Section 533(c) of the Water Resources Development Act  
7 of 1996 (110 Stat. 3775) is amended by striking  
8 “\$100,000,000” and inserting “\$200,000,000”.

9 **SEC. 540. SNUG HARBOR, MARYLAND.**

10       (a) *IN GENERAL.*—The Secretary, in coordination  
11 with the Director of the Federal Emergency Management  
12 Agency, is authorized—

13               (1) to provide technical assistance to the resi-  
14 dents of Snug Harbor, in the vicinity of Berlin,  
15 Maryland, for purposes of flood damage reduction;

16               (2) to conduct a study of a project for non-  
17 structural measures for flood damage reduction in the  
18 vicinity of Snug Harbor, Maryland, taking into ac-  
19 count the relationship of both the Ocean City Inlet  
20 and Assateague Island to the flooding; and

21               (3) after completion of the study, to carry out the  
22 project under the authority of section 205 of the Flood  
23 Control Act of 1948 (33 U.S.C. 701s).

24       (b) *FEMA ASSISTANCE.*—The Director, in coordina-  
25 tion with the Secretary and under the authorities of the  
26 Robert T. Stafford Disaster Relief and Emergency Assist-

1 *ance Act (42 U.S.C. 5121 note), may provide technical as-*  
 2 *sistance and nonstructural measures for flood damage miti-*  
 3 *gation in the vicinity of Snug Harbor, Maryland.*

4 *(c) FEDERAL SHARE.—The Federal share of the cost*  
 5 *of assistance under this section shall not exceed \$3,000,000.*  
 6 *The non-Federal share of such cost shall be determined in*  
 7 *accordance with the Water Resources Development Act of*  
 8 *1986 or the Robert T. Stafford Disaster Relief and Emer-*  
 9 *gency Assistance Act, as appropriate.*

10 **SEC. 541. WELCH POINT, ELK RIVER, CECIL COUNTY, AND**  
 11 **CHESAPEAKE CITY, MARYLAND.**

12 *(a) SPILLAGE OF DREDGED MATERIALS.—The Sec-*  
 13 *retary shall carry out a study to determine if the spillage*  
 14 *of dredged materials that were removed as part of the*  
 15 *project for navigation, Inland Waterway from Delaware*  
 16 *River to Chesapeake Bay, Delaware and Maryland, author-*  
 17 *ized by the first section of the Act of August 30, 1935 (49*  
 18 *Stat. 1030), is a significant impediment to vessels*  
 19 *transiting the Elk River near Welch Point, Maryland. If*  
 20 *the Secretary determines that the spillage is an impediment*  
 21 *to navigation, the Secretary may conduct such dredging as*  
 22 *may be required to permit navigation on the river.*

23 *(b) DAMAGE TO WATER SUPPLY.—The Secretary shall*  
 24 *carry out a study to determine if additional compensation*  
 25 *is required to fully compensate the city of Chesapeake,*

1 *Maryland, for damage to the city's water supply resulting*  
 2 *from dredging of the Chesapeake and Delaware Canal*  
 3 *project. If the Secretary determines that such additional*  
 4 *compensation is required, the Secretary may provide the*  
 5 *compensation to the city of Chesapeake.*

6 **SEC. 542. WEST VIEW SHORES, CECIL COUNTY, MARYLAND.**

7 *Not later than 1 year after the date of enactment of*  
 8 *this Act, the Secretary shall carry out an investigation of*  
 9 *the contamination of the well system in West View Shores,*  
 10 *Cecil County, Maryland. If the Secretary determines that*  
 11 *the disposal site from any Federal navigation project has*  
 12 *contributed to the contamination of the wells, the Secretary*  
 13 *may provide alternative water supplies, including replace-*  
 14 *ment of wells, at full Federal expense.*

15 **SEC. 543. RESTORATION PROJECTS FOR MARYLAND, PENN-**  
 16 **SYLVANIA, AND WEST VIRGINIA.**

17 *Section 539 of the Water Resources Development Act*  
 18 *of 1996 (110 Stat. 3776–3777) is amended—*

- 19 *(1) in subsection (a)(1) by striking “technical”;*  
 20 *(2) in subsection (a)(1) by inserting “(or in the*  
 21 *case of projects located on lands owned by the United*  
 22 *States, to Federal interests)” after “interests”;*  
 23 *(3) in subsection (a)(3) by inserting “or in con-*  
 24 *junction” after “consultation”; and*

1           (4) by inserting at the end of subsection (d) the  
 2           following: “Funds authorized to be appropriated to  
 3           carry out section 340 of the Water Resources Develop-  
 4           ment Act of 1992 (106 Stat. 4856) are authorized for  
 5           projects undertaken under subsection (a)(1)(B).”.

6   **SEC. 544. CAPE COD CANAL RAILROAD BRIDGE, BUZZARDS**  
 7                           **BAY, MASSACHUSETTS.**

8           (a) *ALTERNATIVE TRANSPORTATION.*—The Secretary  
 9           is authorized to provide up to \$300,000 for alternative  
 10           transportation that may arise as a result of the operation,  
 11           maintenance, repair, and rehabilitation of the Cape Cod  
 12           Canal Railroad Bridge.

13           (b) *OPERATION AND MAINTENANCE CONTRACT RE-*  
 14           *NEGOTIATION.*—Not later than 60 days after the date of en-  
 15           actment of this Act, the Secretary shall enter into negotia-  
 16           tion with the owner of the railroad right-of-way for the  
 17           Cape Cod Canal Railroad Bridge for the purpose of estab-  
 18           lishing the rights and responsibilities for the operation and  
 19           maintenance of the Bridge. The Secretary is authorized to  
 20           include in any new contract the termination of the prior  
 21           contract numbered ER-W175-ENG-1.

22   **SEC. 545. ST. LOUIS, MISSOURI.**

23           (a) *DEMONSTRATION PROJECT.*—The Secretary, in  
 24           consultation with local officials, shall conduct a demonstra-



1 *tion project to improve water quality in the vicinity of St.*  
 2 *Louis, Missouri.*

3 (b) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
 4 *authorized to be appropriated \$1,700,000 to carry out this*  
 5 *section.*

6 **SEC. 546. BEAVER BRANCH OF BIG TIMBER CREEK, NEW**  
 7 **JERSEY.**

8 *Upon request of the State of New Jersey or a political*  
 9 *subdivision thereof, the Secretary may compile and dissemi-*  
 10 *nate information on floods and flood damages, including*  
 11 *identification of areas subject to inundation by floods, and*  
 12 *provide technical assistance regarding floodplain manage-*  
 13 *ment for Beaver Branch of Big Timber Creek, New Jersey.*

14 **SEC. 547. LAKE ONTARIO AND ST. LAWRENCE RIVER WATER**  
 15 **LEVELS, NEW YORK.**

16 *Upon request, the Secretary shall provide technical as-*  
 17 *sistance to the International Joint Commission and the St.*  
 18 *Lawrence River Board of Control in undertaking studies*  
 19 *on the effects of fluctuating water levels on the natural envi-*  
 20 *ronment, recreational boating, property flooding, and ero-*  
 21 *sion along the shorelines of Lake Ontario and the St. Law-*  
 22 *rence River in New York. The Commission and Board are*  
 23 *encouraged to conduct such studies in a comprehensive and*  
 24 *thorough manner before implementing any change to water*  
 25 *regulation Plan 1958–D.*

1 **SEC. 548. NEW YORK-NEW JERSEY HARBOR, NEW YORK AND**  
2 **NEW JERSEY.**

3 *The Secretary may enter into cooperative agreements*  
4 *with non-Federal interests to investigate, develop, and sup-*  
5 *port measures for sediment management and reduction of*  
6 *contaminant sources which affect navigation in the Port of*  
7 *New York-New Jersey and the environmental conditions of*  
8 *the New York-New Jersey Harbor estuary. Such investiga-*  
9 *tion shall include an analysis of the economic and environ-*  
10 *mental benefits and costs of potential sediment management*  
11 *and contaminant reduction measures.*

12 **SEC. 549. SEA GATE REACH, CONEY ISLAND, NEW YORK,**  
13 **NEW YORK.**

14 *The Secretary is authorized to construct a project for*  
15 *shoreline protection which includes a beachfill with revet-*  
16 *ment and T-groin for the Sea Gate Reach on Coney Island,*  
17 *New York, as identified in the March 1998 report prepared*  
18 *for the Corps of Engineers, New York District, entitled*  
19 *“Field Data Gathering, Project Performance Analysis and*  
20 *Design Alternative Solutions to Improve Sandfill Reten-*  
21 *tion”, at a total cost of \$9,000,000, with an estimated Fed-*  
22 *eral cost of \$5,850,000 and an estimated non-Federal cost*  
23 *of \$3,150,000.*

24 **SEC. 550. WOODLAWN, NEW YORK.**

25 *(a) IN GENERAL.—The Secretary shall provide plan-*  
26 *ning, design, and other technical assistance to non-Federal*

1 *interests for identifying and mitigating sources of contami-*  
 2 *nation at Woodlawn Beach in Woodlawn, New York.*

3 (b) *COST SHARING.*—*The non-Federal share of the cost*  
 4 *of assistance provided under this section shall be 50 percent.*

5 **SEC. 551. FLOODPLAIN MAPPING, NEW YORK.**

6 (a) *IN GENERAL.*—*The Secretary shall provide assist-*  
 7 *ance for a project to develop maps identifying 100- and*  
 8 *500-year flood inundation areas in the State of New York.*

9 (b) *REQUIREMENTS.*—*Maps developed under the*  
 10 *project shall include hydrologic and hydraulic information*  
 11 *and shall accurately show the flood inundation of each*  
 12 *property by flood risk in the floodplain. The maps shall*  
 13 *be produced in a high resolution format and shall be made*  
 14 *available to all flood prone areas in the State of New York*  
 15 *in an electronic format.*

16 (c) *PARTICIPATION OF FEMA.*—*The Secretary and the*  
 17 *non-Federal sponsor of the project shall work with the Di-*  
 18 *rector of the Federal Emergency Management Agency to en-*  
 19 *sure the validity of the maps developed under the project*  
 20 *for flood insurance purposes.*

21 (d) *FORMS OF ASSISTANCE.*—*In carrying out the*  
 22 *project, the Secretary may enter into contracts or coopera-*  
 23 *tive agreements with the non-Federal sponsor or provide re-*  
 24 *imbursements of project costs.*

1       (e) *FEDERAL SHARE.*—*The Federal share of the cost*  
 2 *of the project shall be 75 percent.*

3       (f) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
 4 *authorized to be appropriated to carry out this section*  
 5 *\$12,000,000 for fiscal years beginning after September 30,*  
 6 *1998.*

7       **SEC. 552. WHITE OAK RIVER, NORTH CAROLINA.**

8       *The Secretary shall conduct a study to determine if*  
 9 *water quality deterioration and sedimentation of the White*  
 10 *Oak River, North Carolina, are the result of the Atlantic*  
 11 *Intracoastal Waterway navigation project. If the Secretary*  
 12 *determines that the water quality deterioration and sedi-*  
 13 *mentation are the result of the project, the Secretary shall*  
 14 *take appropriate measures to mitigate the deterioration and*  
 15 *sedimentation.*

16       **SEC. 553. TOUSSAINT RIVER, CARROLL TOWNSHIP, OTTAWA**  
 17                               **COUNTY, OHIO.**

18       *The Secretary is authorized to provide technical assist-*  
 19 *ance for the removal of military ordnance from the Tous-*  
 20 *saint River, Carroll Township, Ottawa County, Ohio.*

21       **SEC. 554. SARDIS RESERVOIR, OKLAHOMA.**

22       (a) *IN GENERAL.*—*The Secretary shall accept from the*  
 23 *State of Oklahoma or an agent of the State an amount,*  
 24 *as determined under subsection (b), as prepayment of 100*  
 25 *percent of the water supply cost obligation of the State*

1 *under Contract No. DACW56-74-JC-0314 for water sup-*  
 2 *ply storage at Sardis Reservoir, Oklahoma.*

3       (b) *DETERMINATION OF AMOUNT.*—*The amount to be*  
 4 *paid by the State of Oklahoma under subsection (a) shall*  
 5 *be subject to adjustment in accordance with accepted dis-*  
 6 *count purchase methods for Federal Government properties*  
 7 *as determined by an independent accounting firm des-*  
 8 *ignated by the Director of the Office of Management and*  
 9 *Budget. The cost of such determination shall be paid for*  
 10 *by the State of Oklahoma or an agent of the State.*

11       (c) *EFFECT.*—*Nothing in this section affects any of the*  
 12 *rights or obligations of the parties to the contract referred*  
 13 *to in subsection (a).*

14 **SEC. 555. WAURIKA LAKE, OKLAHOMA, WATER CONVEYANCE**  
 15 **FACILITIES.**

16       *For the project for construction of the water convey-*  
 17 *ances authorized by the first section of Public Law 88-253*  
 18 *(77 Stat. 841), the requirement for the Waurika Project*  
 19 *Master Conservancy District to repay the \$2,900,000 in*  
 20 *costs (including interest) resulting from the October 1991*  
 21 *settlement of the claim before the United States Claims*  
 22 *Court, and the payment of \$1,190,451 of the final cost rep-*  
 23 *resenting the difference between the 1978 estimate of cost*  
 24 *and the actual cost determined after completion of such*  
 25 *project in 1991, are waived.*

1 **SEC. 556. SKINNER BUTTE PARK, EUGENE, OREGON.**

2       (a) *STUDY.*—*The Secretary shall conduct a study of*  
3 *the south bank of the Willamette River, in the area of Skin-*  
4 *ner Butte Park from Ferry Street Bridge to the Valley*  
5 *River footbridge, to determine the feasibility of carrying out*  
6 *a project to stabilize the river bank, and to restore and en-*  
7 *hance riverine habitat, using a combination of structural*  
8 *and bioengineering techniques.*

9       (b) *CONSTRUCTION.*—*If, upon completion of the study,*  
10 *the Secretary determines that the project is feasible, the Sec-*  
11 *retary shall participate with non-Federal interests in the*  
12 *construction of the project.*

13       (c) *COST SHARE.*—*The non-Federal share of the cost*  
14 *of the project shall be 35 percent.*

15       (d) *LANDS, EASEMENTS, AND RIGHTS-OF-WAY.*—*The*  
16 *non-Federal interest shall provide lands, easements, rights-*  
17 *of-way, relocations, and dredged material disposal areas*  
18 *necessary for construction of the project. The value of such*  
19 *items shall be credited toward the non-Federal share of the*  
20 *cost of the project.*

21       (e) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
22 *authorized to be appropriated to carry out this section*  
23 *\$1,000,000 for fiscal years beginning after September 30,*  
24 *1999.*

1 **SEC. 557. WILLAMETTE RIVER BASIN, OREGON.**

2       *The Secretary, Director of the Federal Emergency*  
3 *Management Agency, Administrator of the Environmental*  
4 *Protection Agency, and heads of other appropriate Federal*  
5 *agencies shall, using existing authorities, assist the State*  
6 *of Oregon in developing and implementing a comprehensive*  
7 *basin-wide strategy in the Willamette River basin of Oregon*  
8 *for coordinated and integrated management of land and*  
9 *water resources to improve water quality, reduce flood haz-*  
10 *ards, ensure sustainable economic activity, and restore*  
11 *habitat for native fish and wildlife. The heads of such Fed-*  
12 *eral agencies may provide technical assistance, staff and fi-*  
13 *nancial support for development of the basin-wide manage-*  
14 *ment strategy. The heads of Federal agencies shall seek to*  
15 *exercise flexibility in administrative actions and allocation*  
16 *of funding to reduce barriers to efficient and effective imple-*  
17 *menting of the strategy.*

18 **SEC. 558. BRADFORD AND SULLIVAN COUNTIES, PENNSYL-**  
19 **VANIA.**

20       *The Secretary is authorized to provide assistance for*  
21 *water-related environmental infrastructure and resource*  
22 *protection and development projects in Bradford and Sul-*  
23 *livan Counties, Pennsylvania, using the funds and authori-*  
24 *ties provided in title I of the Energy and Water Develop-*  
25 *ment Appropriations Act, 1999 (Public Law 105–245)*  
26 *under the heading “CONSTRUCTION, GENERAL” (112 Stat.*

1 1840) for similar projects in Lackawanna, Lycoming, Sus-  
 2 quehanna, Wyoming, Pike, and Monroe Counties, Pennsyl-  
 3 vania.

4 **SEC. 559. ERIE HARBOR, PENNSYLVANIA.**

5 *The Secretary may reimburse the appropriate non-*  
 6 *Federal interest not more than \$78,366 for architect and*  
 7 *engineering costs incurred in connection with the Erie Har-*  
 8 *bor basin navigation project, Pennsylvania.*

9 **SEC. 560. POINT MARION LOCK AND DAM, PENNSYLVANIA.**

10 *The project for navigation, Point Marion Lock and*  
 11 *Dam, Borough of Point Marion, Pennsylvania, as author-*  
 12 *ized by section 301(a) of the Water Resources Development*  
 13 *Act of 1986 (100 Stat. 4110), is modified to direct the Sec-*  
 14 *retary, in the operation and maintenance of the project, to*  
 15 *mitigate damages to the shoreline, at a total cost of*  
 16 *\$2,000,000. The cost of the mitigation shall be allocated as*  
 17 *an operation and maintenance cost of a Federal navigation*  
 18 *project.*

19 **SEC. 561. SEVEN POINTS' HARBOR, PENNSYLVANIA.**

20 *(a) IN GENERAL.—The Secretary is authorized, at full*  
 21 *Federal expense, to construct a breakwater-dock combina-*  
 22 *tion at the entrance to Seven Points' Harbor, Pennsylvania.*

23 *(b) OPERATION AND MAINTENANCE COSTS.—All oper-*  
 24 *ation and maintenance costs associated with the facility*



1 *constructed under this section shall be the responsibility of*  
 2 *the lessee of the marina complex at Seven Points' Harbor.*

3 (c) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
 4 *authorized to be appropriated \$850,000 to carry out this*  
 5 *section.*

6 **SEC. 562. SOUTHEASTERN PENNSYLVANIA.**

7 *Section 566(b) of the Water Resources Development Act*  
 8 *of 1996 (110 Stat. 3786) is amended by inserting “environ-*  
 9 *mental restoration,” after “water supply and related facili-*  
 10 *ties,”.*

11 **SEC. 563. UPPER SUSQUEHANNA-LACKAWANNA WATERSHED**  
 12 **RESTORATION INITIATIVE.**

13 (a) *IN GENERAL.—The Secretary, in cooperation with*  
 14 *appropriate Federal, State, and local agencies and non-*  
 15 *governmental institutions, is authorized to prepare a water-*  
 16 *shed plan for the Upper Susquehanna-Lackawanna Water-*  
 17 *shed (USGS Cataloguing Unit 02050107). The plan shall*  
 18 *utilize geographic information system and shall include a*  
 19 *comprehensive environmental assessment of the watershed's*  
 20 *ecosystem, a comprehensive flood plain management plan,*  
 21 *a flood plain protection plan, water resource and environ-*  
 22 *mental restoration projects, water quality improvement,*  
 23 *and other appropriate infrastructure and measures.*

24 (b) *NON-FEDERAL SHARE.—The non-Federal share of*  
 25 *the cost of preparation of the plan under this section shall*

1 *be 50 percent. Services and materials instead of cash may*  
 2 *be credited toward the non-Federal share of the cost of the*  
 3 *plan.*

4 *(c) AUTHORIZATION OF APPROPRIATIONS.—There is*  
 5 *authorized to be appropriated to carry out this section*  
 6 *\$5,000,000 for fiscal years beginning after September 30,*  
 7 *1999.*

8 **SEC. 564. AGUADILLA HARBOR, PUERTO RICO.**

9 *The Secretary shall conduct a study to determine if*  
 10 *erosion and additional storm damage risks that exist in the*  
 11 *vicinity of Aguadilla Harbor, Puerto Rico, are the result*  
 12 *of a Federal navigation project. If the Secretary determines*  
 13 *that such erosion and additional storm damage risks are*  
 14 *the result of the project, the Secretary shall take appropriate*  
 15 *measures to mitigate the erosion and storm damage.*

16 **SEC. 565. OAHE DAM TO LAKE SHARPE, SOUTH DAKOTA,**  
 17 **STUDY.**

18 *Section 441 of the Water Resources Development Act*  
 19 *of 1996 (110 Stat. 3747) is amended—*

20 *(1) by inserting “(a) INVESTIGATION.—” before*  
 21 *“The Secretary”; and*

22 *(2) by adding at the end the following:*

23 *“(b) REPORT.—Not later than September 30, 1999, the*  
 24 *Secretary shall transmit to Congress a report on the results*  
 25 *of the investigation under this section. The report shall in-*

1 *clude the examination of financing options for regular*  
 2 *maintenance and preservation of the lake. The report shall*  
 3 *be prepared in coordination and cooperation with the Nat-*  
 4 *ural Resources Conservation Service, other Federal agen-*  
 5 *cies, and State and local officials.”.*

6 **SEC. 566. INTEGRATED WATER MANAGEMENT PLANNING,**  
 7 **TEXAS.**

8 *(a) IN GENERAL.—The Secretary, in cooperation with*  
 9 *other Federal agencies and the State of Texas, shall provide*  
 10 *technical, planning, and design assistance to non-Federal*  
 11 *interests in developing integrated water management plans*  
 12 *and projects that will serve the cities, counties, water agen-*  
 13 *cies, and participating planning regions under the jurisdic-*  
 14 *tion of the State of Texas.*

15 *(b) PURPOSES OF ASSISTANCE.—Assistance provided*  
 16 *under subsection (a) shall be in support of non-Federal*  
 17 *planning and projects for the following purposes:*

18 *(1) Plan and develop integrated, near- and long-*  
 19 *term water management plans that address the plan-*  
 20 *ning region’s water supply, water conservation, and*  
 21 *water quality needs.*

22 *(2) Study and develop strategies and plans that*  
 23 *restore, preserve, and protect the State’s and planning*  
 24 *region’s natural ecosystems.*

1           (3) *Facilitate public communication and par-*  
2           *ticipation.*

3           (4) *Integrate such activities with other ongoing*  
4           *Federal and State projects and activities associated*  
5           *with the State of Texas water plan and the State of*  
6           *Texas legislation.*

7           (c) *COST SHARING.—The non-Federal share of the cost*  
8           *of assistance provided under subsection (a) shall be 50 per-*  
9           *cent, of which up to 1/2 of the non-Federal share may be*  
10          *provided as in kind services.*

11          (d) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
12          *authorized to be appropriated to carry out this section,*  
13          *\$10,000,000 for the fiscal years beginning after September*  
14          *30, 1999.*

15          **SEC. 567. BOLIVAR PENINSULA, JEFFERSON, CHAMBERS,**  
16                                   **AND GALVESTON COUNTIES, TEXAS.**

17          (a) *SHORE PROTECTION PROJECT.—The Secretary is*  
18          *authorized to design and construct a shore protection*  
19          *project between the south jetty of the Sabine Pass Channel*  
20          *and the north jetty of the Galveston Harbor Entrance Chan-*  
21          *nel in Jefferson, Chambers, and Galveston Counties, Texas,*  
22          *including beneficial use of dredged material from Federal*  
23          *navigation projects.*

24          (b) *APPLICABILITY OF BENEFIT-COST RATIO WAIVER*  
25          *AUTHORITY.—In evaluating and implementing the project,*

1 *the Secretary shall allow the non-Federal interest to partici-*  
 2 *pate in the financing of the project in accordance with sec-*  
 3 *tion 903(c) of the Water Resources Development Act of 1986*  
 4 *(100 Stat. 4184), notwithstanding any limitation on the*  
 5 *purpose of projects to which such section applies, to the ex-*  
 6 *tent that the Secretary's evaluation indicates that applying*  
 7 *such section is necessary to implement the project.*

8 **SEC. 568. GALVESTON BEACH, GALVESTON COUNTY, TEXAS.**

9 *The Secretary is authorized to design and construct*  
 10 *a shore protection project between the Galveston South Jetty*  
 11 *and San Luis Pass, Galveston County, Texas, using inno-*  
 12 *vative nourishment techniques, including beneficial use of*  
 13 *dredged material from Federal navigation projects.*

14 **SEC. 569. PACKERY CHANNEL, CORPUS CHRISTI, TEXAS.**

15 *(a) IN GENERAL.—The Secretary shall construct a*  
 16 *navigation and storm protection project at Packery Chan-*  
 17 *nel, Mustang Island, Texas, consisting of construction of a*  
 18 *channel and a channel jetty and placement of sand along*  
 19 *the length of the seawall.*

20 *(b) ECOLOGICAL AND RECREATIONAL BENEFITS.—In*  
 21 *evaluating the project, the Secretary shall include the eco-*  
 22 *logical and recreational benefits of reopening the Packery*  
 23 *Channel.*

24 *(c) APPLICABILITY OF BENEFIT-COST RATIO WAIVER*  
 25 *AUTHORITY.—In evaluating and implementing the project,*

1 *the Secretary shall allow the non-Federal interest to partici-*  
 2 *pate in the financing of the project in accordance with sec-*  
 3 *tion 903(c) of the Water Resources Development Act of 1986*  
 4 *(100 Stat. 4184), notwithstanding any limitation on the*  
 5 *purpose of projects to which such section applies, to the ex-*  
 6 *tent that the Secretary's evaluation indicates that applying*  
 7 *such section is necessary to implement the project.*

8 **SEC. 570. NORTHERN WEST VIRGINIA.**

9 *The projects described in the following reports are au-*  
 10 *thorized to be carried out by the Secretary substantially in*  
 11 *accordance with the plans, and subject to the conditions,*  
 12 *recommended in such reports:*

13 (1) *PARKERSBURG, WEST VIRGINIA.—Report of*  
 14 *the Corps of Engineers entitled “Parkersburg/Vienna*  
 15 *Riverfront Park Feasibility Study”, dated June 1998,*  
 16 *at a total cost of \$8,400,000, with an estimated Fed-*  
 17 *eral cost of \$4,200,000, and an estimated non-Federal*  
 18 *cost of \$4,200,000.*

19 (2) *WEIRTON, WEST VIRGINIA.—Report of the*  
 20 *Corps of Engineers entitled “Feasibility Master Plan*  
 21 *for Weirton Port and Industrial Center, West Vir-*  
 22 *ginia Public Port Authority”, dated December 1997,*  
 23 *at a total cost of \$18,000,000, with an estimated Fed-*  
 24 *eral cost of \$9,000,000, and an estimated non-Federal*  
 25 *cost of \$9,000,000.*

1           (3) *ERICKSON/WOOD COUNTY, WEST VIRGINIA.—*  
2           *Report of the Corps of Engineers entitled “Feasibility*  
3           *Master Plan for Erickson/Wood County Port District,*  
4           *West Virginia Public Port Authority”, dated July 7,*  
5           *1997, at a total cost of \$28,000,000, with an esti-*  
6           *mated Federal cost of \$14,000,000, and an estimated*  
7           *non-Federal cost of \$14,000,000.*

8           (4) *MONONGAHELA RIVER, WEST VIRGINIA.—*  
9           *Monongahela River, West Virginia, Comprehensive*  
10          *Study Reconnaissance Report, dated September 1995,*  
11          *consisting of the following elements:*

12                (A) *Morgantown Riverfront Park, Morgan-*  
13                *town, West Virginia, at a total cost of*  
14                *\$1,600,000, with an estimated Federal cost of*  
15                *\$800,000 and an estimated non-Federal cost of*  
16                *\$800,000.*

17                (B) *Caperton Rail to Trail, Monongahela*  
18                *County, West Virginia, at a total cost of*  
19                *\$4,425,000, with an estimated Federal cost of*  
20                *\$2,212,500 and an estimated non-Federal cost of*  
21                *\$2,212,500.*

22                (C) *Palatine Park, Fairmont, West Vir-*  
23                *ginia, at a total cost of \$1,750,000, with an esti-*  
24                *mated Federal cost of \$875,000 and an estimated*  
25                *non-Federal cost of \$875,000.*

1 **SEC. 571. URBANIZED PEAK FLOOD MANAGEMENT RE-**  
2 **SEARCH.**

3 (a) *IN GENERAL.*—The Secretary shall develop and  
4 implement a research program to evaluate opportunities to  
5 manage peak flood flows in urbanized watersheds located  
6 in the State of New Jersey.

7 (b) *SCOPE OF RESEARCH.*—The research program au-  
8 thorized by subsection (a) shall be accomplished through the  
9 New York District. The research shall specifically include  
10 the following:

11 (1) *Identification of key factors in urbanized wa-*  
12 *tersheds that are under development and impact peak*  
13 *flows in the watersheds and downstream of the water-*  
14 *sheds.*

15 (2) *Development of peak flow management mod-*  
16 *els for 4 to 6 watersheds in urbanized areas located*  
17 *with widely differing geology, areas, shapes, and soil*  
18 *types that can be used to determine optimal flow re-*  
19 *duction factors for individual watersheds.*

20 (3) *Utilization of such management models to*  
21 *determine relationships between flow and reduction*  
22 *factors and change in imperviousness, soil types,*  
23 *shape of the drainage basin, and other pertinent pa-*  
24 *rameters from existing to ultimate conditions in wa-*  
25 *tersheds under consideration for development.*



1           (4) *Development and validation of an inexpen-*  
 2           *sive accurate model to establish flood reduction factors*  
 3           *based on runoff curve numbers, change in impervious-*  
 4           *ness, the shape of the basin, and other pertinent fac-*  
 5           *tors.*

6           (c) *REPORT TO CONGRESS.—The Secretary shall*  
 7           *evaluate policy changes in the planning process for flood*  
 8           *control projects based on the results of the research author-*  
 9           *ized by this section and transmit to Congress a report not*  
 10          *later than 3 years after the date of enactment of this Act.*

11          (d) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
 12          *authorized to be appropriated to carryout this section*  
 13          *\$3,000,000 for fiscal years beginning after September 30,*  
 14          *1999.*

15          (e) *FLOW REDUCTION FACTORS DEFINED.—In this*  
 16          *section, the term “flow reduction factors” means the ratio*  
 17          *of estimated allowable peak flows of stormwater after pro-*  
 18          *jected development when compared to pre-existing condi-*  
 19          *tions.*

20          **SEC. 572. MISSISSIPPI RIVER COMMISSION.**

21          *Section 8 of the Flood Control Act of May 15, 1928*  
 22          *(Public Law 391, 70th Congress), is amended by striking*  
 23          *“\$7,500” and inserting “\$21,500.”*

1 **SEC. 573. COASTAL AQUATIC HABITAT MANAGEMENT.**

2       (a) *IN GENERAL.*—*The Secretary may cooperate with*  
3 *the Secretaries of Agriculture and the Interior, the Adminis-*  
4 *trators of the Environmental Protection Agency and the Na-*  
5 *tional Oceanic and Atmospheric Administration, other ap-*  
6 *propriate Federal, State, and local agencies, and affected*  
7 *private entities, in the development of a management strat-*  
8 *egy to address problems associated with toxic microorga-*  
9 *nisms and the resulting degradation of ecosystems in the*  
10 *tidal and nontidal wetlands and waters of the United States*  
11 *for the States along the Atlantic Ocean. As part of such*  
12 *management strategy, the Secretary may provide planning,*  
13 *design, and other technical assistance to each participating*  
14 *State in the development and implementation of nonregula-*  
15 *tory measures to mitigate environmental problems and re-*  
16 *store aquatic resources.*

17       (b) *COST SHARING.*—*The Federal share of the cost of*  
18 *measures undertaken under this section shall not exceed 65*  
19 *percent.*

20       (c) *OPERATION AND MAINTENANCE.*—*The non-Federal*  
21 *share of operation and maintenance costs for projects con-*  
22 *structed with assistance provided under this section shall*  
23 *be 100 percent.*

24       (d) *AUTHORIZATION OF APPROPRIATION.*—*There is*  
25 *authorized to be appropriated to carry out this section*

1 \$7,000,000 for fiscal years beginning after September 30,  
2 1999.

3 **SEC. 574. RECREATION USER FEES INITIATIVE.**

4 (a) *IN GENERAL.*—During fiscal years 2000 through  
5 2003, the Secretary may withhold from the special account  
6 established pursuant to section 4(i)(1)(A) of the Land and  
7 Water Conservation Fund Act of 1965 (16 U.S.C. 460l–  
8 6a(i)(1)(A)), 100 percent of the amount of receipts from fees  
9 collected at selected recreation sites under the administra-  
10 tive jurisdiction of the Department of the Army pursuant  
11 to section 4(b) of such Act (16 U.S.C. 460l–6a(b)). The  
12 amounts withheld shall be retained by the Secretary and  
13 shall be available for expenditure by the Secretary in ac-  
14 cordance with the provisions of this section.

15 (b) *USE OF FUNDS.*—In order to increase the quality  
16 of the visitor experience at public recreational areas and  
17 to enhance the protection of resources, the amounts withheld  
18 pursuant to subsection (a) and available for expenditure  
19 may only be used for backlogged repair and maintenance  
20 projects (including projects relating to public health and  
21 safety) and for interpretation, signage, habitat or facility  
22 enhancement, resource preservation, annual operation and  
23 maintenance, and law enforcement related to public use.

24 (c) *APPLICABILITY.*—The Secretary shall implement  
25 the authority under this section and evaluate the feasibility

1 of retaining recreation fees at projects and facilities under  
 2 the Secretary's jurisdiction at not more than 5 projects and  
 3 facilities. In selecting projects and facilities under this sec-  
 4 tion, the Secretary should seek to achieve geographic diver-  
 5 sity. One of the projects and facilities selected shall be the  
 6 Mississippi River Headwaters Recreation Areas, Min-  
 7 nesota.

8 (d) *REPORT*.—Not later than December 31, 2003, the  
 9 Secretary shall transmit to Congress a report on the results  
 10 of implementing this section, together with recommenda-  
 11 tions concerning whether the authority under this section  
 12 should be offered on a nationwide basis.

13 **SEC. 575. ABANDONED AND INACTIVE NONCOAL MINE RES-**  
 14 **TORATION.**

15 (a) *IN GENERAL*.—The Secretary is authorized to pro-  
 16 vide technical, planning, and design assistance to Federal  
 17 and non-Federal interests for carrying out projects to ad-  
 18 dress water quality problems caused by drainage and re-  
 19 lated activities from abandoned and inactive noncoal  
 20 mines.

21 (b) *SPECIFIC MEASURES*.—Assistance provided under  
 22 subsection (a) may be in support of projects for the fol-  
 23 lowing purposes:

24 (1) Management of drainage from abandoned  
 25 and inactive noncoal mines.

1           (2) *Restoration and protection of streams, rivers,*  
2           *wetlands, other waterbodies, and riparian areas de-*  
3           *graded by drainage from abandoned and inactive*  
4           *noncoal mines.*

5           (3) *Demonstration of management practices and*  
6           *innovative and alternative treatment technologies to*  
7           *minimize or eliminate adverse environmental effects*  
8           *associated with drainage from abandoned and inac-*  
9           *tive noncoal mines.*

10          (c) *NON-FEDERAL SHARE.—The non-Federal share of*  
11          *the cost of assistance under subsection (a) shall be 50 per-*  
12          *cent; except that the Federal share with respect to projects*  
13          *located on lands owned by the United States shall be 100*  
14          *percent.*

15          (d) *EFFECT ON AUTHORITY OF THE SECRETARY OF*  
16          *THE INTERIOR.—Nothing in this section shall be construed*  
17          *as affecting the authority of the Secretary of the Interior*  
18          *under title IV of the Surface Mining Control and Reclama-*  
19          *tion Act of 1977 (30 U.S.C. 1231 et seq.).*

20          (e) *TECHNOLOGY DATABASE FOR RECLAMATION OF*  
21          *ABANDONED MINES.—The Secretary is authorized to pro-*  
22          *vide assistance to non-Federal and non-profit entities to de-*  
23          *velop, manage, and maintain a database of conventional*  
24          *and innovative, cost-effective technologies for reclamation of*  
25          *abandoned and inactive noncoal mine sites. Such assistance*

1 *shall be provided through the rehabilitation of abandoned*  
 2 *mine sites program, managed by the Sacramento District*  
 3 *Office of the Corps of Engineers.*

4 (f) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
 5 *authorized to be appropriated to carry out this section*  
 6 *\$5,000,000.*

7 **SEC. 576. BENEFICIAL USE OF WASTE TIRE RUBBER.**

8 (a) *IN GENERAL.—The Secretary is authorized to con-*  
 9 *duct pilot projects to encourage the beneficial use of waste*  
 10 *tire rubber, including crumb rubber, recycled from tires.*  
 11 *Such beneficial use may include marine pilings, under-*  
 12 *water framing, floating docks with built-in flotation, utility*  
 13 *poles, and other uses associated with transportation and in-*  
 14 *frastructure projects receiving Federal funds. The Secretary*  
 15 *shall, when appropriate, encourage the use of waste tire rub-*  
 16 *ber, including crumb rubber, in such federally funded*  
 17 *projects.*

18 (b) *AUTHORIZATION OF APPROPRIATIONS.—There is*  
 19 *authorized to be appropriated to carry out this section*  
 20 *\$5,000,000 for fiscal years beginning after September 30,*  
 21 *1998.*

22 **SEC. 577. SITE DESIGNATION.**

23 *Section 102(c)(4) of the Marine Protection, Research,*  
 24 *and Sanctuaries Act of 1972 (33 U.S.C. 1412(c)(4)) is*

1 *amended by striking “January 1, 2000” and inserting*  
 2 *“January 1, 2005”.*

3 **SEC. 578. LAND CONVEYANCES.**

4 (a) *EXCHANGE OF LAND IN PIKE COUNTY, MIS-*  
 5 *SOURI.—*

6 (1) *EXCHANGE OF LAND.—Subject to paragraphs*  
 7 *(3) and (4), at such time as Holnam Inc. conveys all*  
 8 *right, title, and interest in and to the land described*  
 9 *in paragraph (2)(A) to the United States, the Sec-*  
 10 *retary shall convey all right, title, and interest in the*  
 11 *land described in paragraph (2)(B) to Holnam Inc.*

12 (2) *DESCRIPTION OF LANDS.—The lands referred*  
 13 *to in paragraph (1) are the following:*

14 (A) *NON-FEDERAL LAND.—152.45 acres*  
 15 *with existing flowage easements situated in Pike*  
 16 *County, Missouri, described a portion of Govern-*  
 17 *ment Tract Number FM–9 and all of Govern-*  
 18 *ment Tract Numbers FM–11, FM–10, FM–12,*  
 19 *FM–13, and FM–16, owned and administered by*  
 20 *the Holnam Inc.*

21 (B) *FEDERAL LAND.—152.61 acres situated*  
 22 *in Pike County, Missouri, known as Government*  
 23 *Tract Numbers FM–17 and a portion of FM–18,*  
 24 *administered by the Corps of Engineers.*

1           (3) *CONDITIONS OF EXCHANGE.*—*The exchange*  
2       *of land authorized by paragraph (1) shall be subject*  
3       *to the following conditions:*

4           (A) *DEEDS.*—

5               (i) *FEDERAL LAND.*—*The instrument*  
6       *of conveyance used to convey the land de-*  
7       *scribed in paragraph (2)(B) to Holnam Inc.*  
8       *shall contain such reservations, terms, and*  
9       *conditions as the Secretary considers nec-*  
10      *essary to allow the United States to operate*  
11      *and maintain the Mississippi River 9-Foot*  
12      *Navigation Project.*

13           (ii) *NON-FEDERAL LAND.*—*The convey-*  
14      *ance of the land described in paragraph*  
15      *(2)(A) to the Secretary shall be by a war-*  
16      *ranty deed acceptable to the Secretary.*

17           (B) *REMOVAL OF IMPROVEMENTS.*—*Holnam*  
18      *Inc. may remove any improvements on the land*  
19      *described in paragraph (2)(A). The Secretary*  
20      *may require Holnam Inc. to remove any im-*  
21      *provements on the land described in paragraph*  
22      *(2)(A). In either case, Holnam Inc. shall hold the*  
23      *United States harmless from liability, and the*  
24      *United States shall not incur cost associated*



1           *with the removal or relocation of any such im-*  
2           *provements.*

3           (C) *TIME LIMIT FOR EXCHANGE.*—*The land*  
4           *exchange authorized by paragraph (1) shall be*  
5           *completed not later than 2 years after the date*  
6           *of enactment of this Act.*

7           (D) *LEGAL DESCRIPTION.*—*The Secretary*  
8           *shall provide the legal description of the land de-*  
9           *scribed in paragraph (2). The legal description*  
10          *shall be used in the instruments of conveyance of*  
11          *the land.*

12          (E) *ADMINISTRATIVE COSTS.*—*The Sec-*  
13          *retary shall require Holnam Inc. to pay reason-*  
14          *able administrative costs associated with the ex-*  
15          *change.*

16          (4) *VALUE OF PROPERTIES.*—*If the appraised*  
17          *fair market value, as determined by the Secretary, of*  
18          *the land conveyed to Holnam Inc. by the Secretary*  
19          *under paragraph (1) exceeds the appraised fair mar-*  
20          *ket value, as determined by the Secretary, of the land*  
21          *conveyed to the United States by Holnam Inc. under*  
22          *paragraph (1), Holnam Inc. shall make a payment*  
23          *equal to the excess in cash or a cash equivalent to the*  
24          *United States.*

1       (b) *CANDY LAKE PROJECT, OSAGE COUNTY, OKLA-*  
2 *HOMA.—*

3           (1) *DEFINITIONS.—In this subsection, the fol-*  
4 *lowing definitions apply:*

5               (A) *FAIR MARKET VALUE.—The term “fair*  
6 *market value” means the amount for which a*  
7 *willing buyer would purchase and a willing sell-*  
8 *er would sell a parcel of land, as determined by*  
9 *a qualified, independent land appraiser.*

10            (B) *PREVIOUS OWNER OF LAND.—The term*  
11 *“previous owner of land” means a person (in-*  
12 *cluding a corporation) that conveyed, or a de-*  
13 *scendant of a deceased individual who conveyed,*  
14 *land to the Corps of Engineers for use in the*  
15 *Candy Lake project in Osage County, Oklahoma.*

16           (2) *LAND CONVEYANCES.—*

17               (A) *IN GENERAL.—The Secretary shall con-*  
18 *vey, in accordance with this subsection, all right,*  
19 *title, and interest of the United States in and to*  
20 *the land acquired by the United States for the*  
21 *Candy Lake project in Osage County, Oklahoma.*

22               (B) *PREVIOUS OWNERS OF LAND.—*

23                   (i) *IN GENERAL.—The Secretary shall*  
24 *give a previous owner of land the first op-*

1            *tion to purchase the land described in sub-*  
2            *paragraph (A).*

3            *(ii) APPLICATION.—*

4                    *(I) IN GENERAL.—A previous*  
5                    *owner of land that desires to purchase*  
6                    *the land described in subparagraph (A)*  
7                    *that was owned by the previous owner*  
8                    *of land, or by the individual from*  
9                    *whom the previous owner of land is de-*  
10                   *scended, shall file an application to*  
11                   *purchase the land with the Secretary*  
12                   *not later than 180 days after the offi-*  
13                   *cial date of notice to the previous*  
14                   *owner of land under paragraph (3).*

15                   *(II) FIRST TO FILE HAS FIRST*  
16                   *OPTION.—If more than 1 application*  
17                   *is filed to purchase a parcel of land de-*  
18                   *scribed in subparagraph (A), the first*  
19                   *option to purchase the parcel of land*  
20                   *shall be determined in the order in*  
21                   *which applications for the parcel of*  
22                   *land were filed.*

23                   *(iii) IDENTIFICATION OF PREVIOUS*  
24                   *OWNERS OF LAND.—As soon as practicable*  
25                   *after the date of enactment of this Act, the*

1           *Secretary shall, to the extent practicable,*  
2           *identify each previous owner of land.*

3                     *(iv) CONSIDERATION.—Consideration*  
4           *for land conveyed under this paragraph*  
5           *shall be the fair market value of the land.*

6                     *(C) DISPOSAL.—Any land described in sub-*  
7           *paragraph (A) for which an application to pur-*  
8           *chase the land has not been filed under subpara-*  
9           *graph (B)(ii) within the applicable time period*  
10          *shall be disposed of in accordance with law.*

11                    *(D) EXTINGUISHMENT OF EASEMENTS.—All*  
12          *flowage easements acquired by the United States*  
13          *for use in the Candy Lake project in Osage*  
14          *County, Oklahoma, are extinguished.*

15                    *(3) NOTICE.—*

16                    *(A) IN GENERAL.—The Secretary shall*  
17          *notify—*

18                            *(i) each person identified as a previous*  
19                            *owner of land under paragraph (2)(B)(iii),*  
20                            *not later than 90 days after identification,*  
21                            *by United States mail; and*

22                            *(ii) the general public, not later than*  
23                            *90 days after the date of enactment of this*  
24                            *Act, by publication in the Federal Register.*

1                   (B) *CONTENTS OF NOTICE.*—*Notice under*  
 2                   *this paragraph shall include—*

3                               (i) *a copy of this subsection;*

4                               (ii) *information sufficient to separately*  
 5                               *identify each parcel of land subject to this*  
 6                               *subsection; and*

7                               (iii) *specification of the fair market*  
 8                               *value of each parcel of land subject to this*  
 9                               *subsection.*

10                   (C) *OFFICIAL DATE OF NOTICE.*—*The offi-*  
 11                   *cial date of notice under this paragraph shall be*  
 12                   *the later of—*

13                               (i) *the date on which actual notice is*  
 14                               *mailed; or*

15                               (ii) *the date of publication of the notice*  
 16                               *in the Federal Register.*

17                   (c) *LAKE HUGO, OKLAHOMA, AREA LAND CONVEY-*  
 18                   *ANCE.*—

19                               (1) *IN GENERAL.*—*As soon as practicable after*  
 20                               *the date of enactment of this Act, the Secretary shall*  
 21                               *convey at fair market value to Choctaw County In-*  
 22                               *dustrial Authority, Oklahoma, the property described*  
 23                               *in paragraph (2).*

24                               (2) *DESCRIPTION.*—*The property to be conveyed*  
 25                               *under paragraph (1) is—*

(A) that portion of land at Lake Hugo, Oklahoma, above elevation 445.2 located in the  $N^{1/2}$  of the  $NW^{1/4}$  of Section 24, R 18 E, T 6 S, and the  $S^{1/2}$  of the  $SW^{1/4}$  of Section 13, R 18 E, T 6 S bounded to the south by a line 50 north on the centerline of Road B of Sawyer Bluff Public Use Area and to the north by the  $^{1/2}$  quarter section line forming the south boundary of Wilson Point Public Use Area; and

(B) a parcel of property at Lake Hugo, Oklahoma, commencing at the NE corner of the  $SE^{1/4}$   $SW^{1/4}$  of Section 13, R 18 E, T 6 S, 100 feet north, then east approximately  $^{1/2}$  mile to the county line road between Section 13, R 18 E, T 6 S, and Section 18, R 19 E, T 6 S.

(3) *TERMS AND CONDITIONS.*—The conveyances under this subsection shall be subject to such terms and conditions, including payment of reasonable administrative costs and compliance with applicable Federal floodplain management and flood insurance programs, as the Secretary considers necessary and appropriate to protect the interests of the United States.

(d) *CONVEYANCE OF PROPERTY IN MARSHALL COUNTY, OKLAHOMA.*—

1           (1) *IN GENERAL.*—*The Secretary shall convey to*  
2           *the State of Oklahoma all right, title, and interest of*  
3           *the United States to real property located in Marshall*  
4           *County, Oklahoma, and included in the Lake Texoma*  
5           *(Denison Dam), Oklahoma and Texas, project con-*  
6           *sisting of approximately 1,580 acres and leased to the*  
7           *State of Oklahoma for public park and recreation*  
8           *purposes.*

9           (2) *CONSIDERATION.*—*Consideration for the con-*  
10          *veyance under paragraph (1) shall be the fair market*  
11          *value of the real property, as determined by the Sec-*  
12          *retary. All costs associated with the conveyance under*  
13          *paragraph (1) shall be paid by the State of Okla-*  
14          *homa.*

15          (3) *DESCRIPTION.*—*The exact acreage and legal*  
16          *description of the real property to be conveyed under*  
17          *paragraph (1) shall be determined by a survey satis-*  
18          *factory to the Secretary. The cost of the survey shall*  
19          *be paid by the State of Oklahoma.*

20          (4) *ENVIRONMENTAL COMPLIANCE.*—*Before mak-*  
21          *ing the conveyance under paragraph (1), the Sec-*  
22          *retary shall—*

23                 (A) *conduct an environmental baseline sur-*  
24                 *vey to determine if there are levels of contamina-*  
25                 *tion for which the United States would be re-*

1        *sponsible under the Comprehensive Environ-*  
 2        *mental Response, Compensation, and Liability*  
 3        *Act of 1980 (42 U.S.C. 9601 et seq.); and*

4            *(B) ensure that the conveyance complies*  
 5        *with the National Environmental Policy Act of*  
 6        *1969 (42 U.S.C. 4321 et seq.).*

7            *(5) OTHER TERMS AND CONDITIONS.—The con-*  
 8        *veyance under paragraph (1) shall be subject to such*  
 9        *other terms and conditions as the Secretary considers*  
 10       *necessary and appropriate to protect the interests of*  
 11       *the United States, including reservation by the*  
 12       *United States of a flowage easement over all portions*  
 13       *of the real property to be conveyed that are at or*  
 14       *below elevation 645.0 NGVD.*

15       *(e) SUMMERFIELD CEMETERY ASSOCIATION, OKLA-*  
 16       *HOMA, LAND CONVEYANCE.—*

17            *(1) IN GENERAL.—As soon as practicable after*  
 18        *the date of enactment of this Act, the Secretary shall*  
 19        *transfer to the Summerfield Cemetery Association,*  
 20        *Oklahoma, all right, title, and interest of the United*  
 21        *State in and to the land described in paragraph (3)*  
 22        *for use as a cemetery.*

23            *(2) REVERSION.—If the land to be transferred*  
 24        *under this subsection ever cease to be used as a not-*



1 *for-profit cemetery or for other public purposes the*  
 2 *land shall revert to the United States.*

3 (3) *DESCRIPTION.—The land to be conveyed*  
 4 *under this subsection is the approximately 10 acres of*  
 5 *land located in Leflore County, Oklahoma, and de-*  
 6 *scribed as follows:*

7 *INDIAN BASIN MERIDIAN*

8 *Section 23, Township 5 North, Range 23 East*  
 9 *SW SE SW NW*  
 10 *NW NE NW SW*  
 11 *N<sup>1</sup>/<sub>2</sub> SW SW NW.*

12 (4) *CONSIDERATION.—The conveyance under this*  
 13 *subsection shall be without consideration. All costs as-*  
 14 *sociated with the conveyance shall be paid by the*  
 15 *Summerfield Cemetery Association, Oklahoma.*

16 (5) *OTHER TERMS AND CONDITIONS.—The con-*  
 17 *veyance under this subsection shall be subject to such*  
 18 *other terms and conditions as the Secretary considers*  
 19 *necessary and appropriate to protect the interests of*  
 20 *the United States.*

21 (f) *DEXTER, OREGON.—*

22 (1) *IN GENERAL.—The Secretary shall convey to*  
 23 *the Dexter Sanitary District all right, title, and in-*  
 24 *terest of the United States in and to a parcel of land*  
 25 *consisting of approximately 5 acres located at Dexter*

1       *Lake, Oregon, under lease to the Dexter Sanitary Dis-*  
2       *trict.*

3           (2) *CONSIDERATION.—Land to be conveyed*  
4       *under this section shall be conveyed without consider-*  
5       *ation. If the land is no longer held in public owner-*  
6       *ship or no longer used for wastewater treatment pur-*  
7       *poses, title to the land shall revert to the Secretary.*

8           (3) *TERMS AND CONDITIONS.—The conveyance*  
9       *by the United States shall be subject to such terms*  
10      *and conditions as the Secretary considers appropriate*  
11      *to protect the interests of the United States.*

12          (4) *DESCRIPTION.—The exact acreage and de-*  
13      *scription of the land to be conveyed under paragraph*  
14      *(1) shall be determined by such surveys as the Sec-*  
15      *retary considers necessary. The cost of the surveys*  
16      *shall be borne by the Dexter Sanitary District.*

17      (g) *RICHARD B. RUSSELL DAM AND LAKE, SOUTH*  
18      *CAROLINA.—*

19          (1) *IN GENERAL.—Upon execution of an agree-*  
20      *ment under paragraph (4) and subject to the require-*  
21      *ments of this subsection, the Secretary shall convey,*  
22      *without consideration, to the State of South Carolina*  
23      *all right, title, and interest of the United States to the*  
24      *lands described in paragraph (2) that are managed,*  
25      *as of the date of enactment of this Act, by the South*

1 *Carolina Department of Natural Resources for fish*  
2 *and wildlife mitigation purposes in connection with*  
3 *the Richard B. Russell Dam and Lake, South Caro-*  
4 *lina, project.*

5 (2) *DESCRIPTION.—*

6 (A) *IN GENERAL.—Subject to subparagraph*  
7 *(B), the lands to be conveyed under paragraph*  
8 *(1) are described in Exhibits A, F, and H of*  
9 *Army Lease Number DACW21-1-93-0910 and*  
10 *associated Supplemental Agreements or are des-*  
11 *ignated in red in Exhibit A of Army License*  
12 *Number DACW21-3-85-1904; except that all*  
13 *designated lands in the license that are below ele-*  
14 *vation 346 feet mean sea level or that are less*  
15 *than 300 feet measured horizontally from the top*  
16 *of the power pool are excluded from the convey-*  
17 *ance. Management of the excluded lands shall*  
18 *continue in accordance with the terms of Army*  
19 *License Number DACW21-3-85-1904 until the*  
20 *Secretary and the State enter into an agreement*  
21 *under paragraph (4).*

22 (B) *SURVEY.—The exact acreage and legal*  
23 *description of the lands to be conveyed under*  
24 *paragraph (1) shall be determined by a survey*  
25 *satisfactory to the Secretary, with the cost of the*

1        *survey to be paid by the State. The State shall*  
2        *be responsible for all other costs, including real*  
3        *estate transaction and environmental compliance*  
4        *costs, associated with the conveyance.*

5        *(3) TERMS AND CONDITIONS.—*

6                *(A) MANAGEMENT OF LANDS.—All lands*  
7        *that are conveyed under paragraph (1) shall be*  
8        *retained in public ownership and shall be man-*  
9        *aged in perpetuity for fish and wildlife mitiga-*  
10       *tion purposes in accordance with a plan ap-*  
11       *proved by the Secretary. If the lands are not*  
12       *managed for such purposes in accordance with*  
13       *the plan, title to the lands shall revert to the*  
14       *United States. If the lands revert to the United*  
15       *States under this subparagraph, the Secretary*  
16       *shall manage the lands for such purposes.*

17               *(B) TERMS AND CONDITIONS.—The Sec-*  
18       *retary may require such additional terms and*  
19       *conditions in connection with the conveyance as*  
20       *the Secretary considers appropriate to protect*  
21       *the interests of the United States.*

22       *(4) PAYMENTS.—*

23               *(A) AGREEMENTS.—The Secretary is au-*  
24       *thorized to pay to the State of South Carolina*  
25       *not more than \$4,850,000 if the Secretary and*

1        *the State enter into a binding agreement for the*  
2        *State to manage for fish and wildlife mitigation*  
3        *purposes, in perpetuity, the lands conveyed*  
4        *under this subsection and the lands not covered*  
5        *by the conveyance that are designated in red in*  
6        *Exhibit A of Army License Number DACW21-3-*  
7        *85-1904.*

8                *(B) TERMS AND CONDITIONS.—The agree-*  
9        *ment shall specify the terms and conditions*  
10       *under which the payment will be made and the*  
11       *rights of, and remedies available to, the Federal*  
12       *Government to recover all or a portion of the*  
13       *payment in the event the State fails to manage*  
14       *the lands in a manner satisfactory to the Sec-*  
15       *retary.*

16        *(h) CHARLESTON, SOUTH CAROLINA.—The Secretary*  
17       *is authorized to convey the property of the Corps of Engi-*  
18       *neers known as the “Equipment and Storage Yard”, located*  
19       *on Meeting Street in Charleston, South Carolina, in as-is*  
20       *condition for fair-market value with all proceeds from the*  
21       *conveyance to be applied by the Corps of Engineers,*  
22       *Charleston District, to offset a portion of the costs of moving*  
23       *or leasing (or both) an office facility in the city of Charles-*  
24       *ton.*

25        *(i) CLARKSTON, WASHINGTON.—*

1           (1) *IN GENERAL.*—*The Secretary shall convey to*  
2           *the Port of Clarkston, Washington, all right, title, and*  
3           *interest of the United States in and to a portion of*  
4           *the land described in Army Lease Number DACW68–*  
5           *1–97–22, consisting of approximately 31 acres, the*  
6           *exact boundaries of which shall be determined by the*  
7           *Secretary and the Port of Clarkston.*

8           (2) *ADDITIONAL LAND.*—*The Secretary may con-*  
9           *vey to the Port of Clarkston, Washington, at fair mar-*  
10          *ket value as determined by the Secretary, such addi-*  
11          *tional land located in the vicinity of Clarkston, Wash-*  
12          *ington, as the Secretary determines to be excess to the*  
13          *needs of the Columbia River Project and appropriate*  
14          *for conveyance.*

15          (3) *TERMS AND CONDITIONS.*—*The conveyances*  
16          *made under paragraphs (1) and (2) shall be subject*  
17          *to such terms and conditions as the Secretary deter-*  
18          *mines to be necessary to protect the interests of the*  
19          *United States, including a requirement that the Port*  
20          *of Clarkston pay all administrative costs associated*  
21          *with the conveyances (including the cost of land sur-*  
22          *veys and appraisals and costs associated with compli-*  
23          *ance with applicable environmental laws, including*  
24          *regulations).*

1           (4) *USE OF LAND.*—*The Port of Clarkston shall*  
 2           *be required to pay the fair market value, as deter-*  
 3           *mined by the Secretary, of any land conveyed pursu-*  
 4           *ant to paragraph (1) that is not retained in public*  
 5           *ownership or is used for other than public park or*  
 6           *recreation purposes, except that the Secretary shall*  
 7           *have a right of reverter to reclaim possession and title*  
 8           *to any such land.*

9           (j) *LAND CONVEYANCE TO MATEWAN, WEST VIR-*  
 10          *GINIA.*—

11           (1) *IN GENERAL.*—*The United States shall con-*  
 12           *vey by quit claim deed to the Town of Matewan, West*  
 13           *Virginia, all right, title, and interest of the United*  
 14           *States in and to four parcels of land deemed excess*  
 15           *by the Secretary of the Army, acting through the*  
 16           *Chief of the U.S. Army Corps of Engineers, to the*  
 17           *structural project for flood control constructed by the*  
 18           *Corps of Engineers along the Tug Fork River pursu-*  
 19           *ant to section 202 of Public Law 96–367.*

20           (2) *PROPERTY DESCRIPTION.*—*The parcels of*  
 21           *land referred to in paragraph (1) are as follows:*

22                   (A) *A certain parcel of land in the State of*  
 23                   *West Virginia, Mingo County, Town of*  
 24                   *Matewan, and being more particularly bounded*  
 25                   *and described as follows:*

1           *Beginning at a point on the southerly*  
2           *right-of-way line of a 40-foot-wide street*  
3           *right-of-way (known as McCoy Alley), hav-*  
4           *ing an approximate coordinate value of*  
5           *N228,695, E1,662,397, in the line common*  
6           *to the land designated as U.S.A. Tract No.*  
7           *834, and the land designated as U.S.A.*  
8           *Tract No. 837, said point being South*  
9           *51°52' East 81.8 feet from an iron pin and*  
10          *cap marked M-12 on the boundary of the*  
11          *Matewan Area Structural Project, on the*  
12          *north right-of-way line of said street, at a*  
13          *corner common to designated U.S.A. Tracts*  
14          *Nos. 834 and 836; thence, leaving the right-*  
15          *of-way of said street, with the line common*  
16          *to the land of said Tract No. 834, and the*  
17          *land of said Tract No. 837.*

18                 *South 14°37' West 46 feet to the corner*  
19                 *common to the land of said Tract No. 834,*  
20                 *and the land of said Tract No. 837; thence,*  
21                 *leaving the land of said Tract No. 837, sev-*  
22                 *ering the lands of said Project.*

23                         *South 14°37' West 46 feet.*

24                         *South 68°07' East 239 feet.*



1                   *North 26°05' East 95 feet to a point on*  
 2                   *the southerly right-of-way line of said street;*  
 3                   *thence, with the right-of-way of said street,*  
 4                   *continuing to sever the lands of said*  
 5                   *Project.*

6                   *South 63°55' East 206 feet; thence,*  
 7                   *leaving the right-of-way of said street, con-*  
 8                   *tinuing to sever the lands of said Project.*

9                   *South 26°16' West 63 feet; thence, with*  
 10                  *a curve to the left having a radius of 70*  
 11                  *feet, a delta of 33°58', an arc length of 41*  
 12                  *feet, the chord bearing.*

13                  *South 09°17' West 41 feet; thence, leav-*  
 14                  *ing said curve, continuing to sever the lands*  
 15                  *of said Project.*

16                  *South 07°42' East 31 feet to a point*  
 17                  *on the right-of-way line of the floodwall;*  
 18                  *thence, with the right-of-way of said*  
 19                  *floodwall, continuing to sever the lands of*  
 20                  *said Project.*

21                  *South 77°04' West 71 feet.*

22                  *North 77°10' West 46 feet.*

23                  *North 67°07' West 254 feet.*

24                  *North 67°54' West 507 feet.*

1                   *North 57°49' West 66 feet to the inter-*  
 2                   *section of the right-of-way line of said*  
 3                   *floodwall with the southerly right-of-way*  
 4                   *line of said street; thence, leaving the right-*  
 5                   *of-way of said floodwall and with the south-*  
 6                   *erly right-of-way of said street, continuing*  
 7                   *to sever the lands of said Project.*

8                   *North 83°01' East 171 feet.*

9                   *North 89°42' East 74 feet.*

10                  *South 83°39' East 168 feet.*

11                  *South 83°38' East 41 feet.*

12                  *South 77°26' East 28 feet to the point*  
 13                  *of beginning, containing 2.59 acres, more or*  
 14                  *less. The bearings and coordinate used here-*  
 15                  *in are referenced to the West Virginia State*  
 16                  *Plane Coordinate System, South Zone.*

17                  *(B) A certain parcel of land in the State of*  
 18                  *West Virginia, Mingo County, Town of*  
 19                  *Matewan, and being more particularly bounded*  
 20                  *and described as follows:*

21                  *Beginning at an iron pin and cap des-*  
 22                  *ignated Corner No. M2-2 on the southerly*  
 23                  *right-of-way line of the Norfolk and Western*  
 24                  *Railroad, having an approximate coordi-*  
 25                  *nate value of N228,755 E1,661,242, and*

1           *being at the intersection of the right-of-way*  
2           *line of the floodwall with the boundary of*  
3           *the Matewan Area Structural Project;*  
4           *thence, leaving the right-of-way of said*  
5           *floodwall and with said Project boundary,*  
6           *and the southerly right-of-way of said Rail-*  
7           *road.*

8                     *North 59°45' East 34 feet.*

9                     *North 69°50' East 44 feet.*

10                    *North 58°11' East 79 feet.*

11                    *North 66°13' East 102 feet.*

12                    *North 69°43' East 98 feet.*

13                    *North 77°39' East 18 feet.*

14                    *North 72°39' East 13 feet to a point at*  
15           *the intersection of said Project boundary,*  
16           *and the southerly right-of-way of said Rail-*  
17           *road, with the westerly right-of-way line of*  
18           *State Route 49/10; thence, leaving said*  
19           *Project boundary, and the southerly right-*  
20           *of-way of said Railroad, and with the west-*  
21           *erly right-of-way of said road.*

22                    *South 03°21' East 100 feet to a point*  
23           *at the intersection of the westerly right-of-*  
24           *way of said road with the right-of-way of*  
25           *said floodwall; thence, leaving the right-of-*

1           *way of said road, and with the right-of-way*  
2           *line of said floodwall.*

3                     *South 79°30' West 69 feet.*

4                     *South 78°28' West 222 feet.*

5                     *South 80°11' West 65 feet.*

6                     *North 38°40' West 14 feet to the point*  
7           *of beginning, containing 0.53 acre, more or*  
8           *less. The bearings and coordinate used here-*  
9           *in are referenced to the West Virginia State*  
10          *Plane Coordinate System, South Zone.*

11                    *(C) A certain parcel of land in the State of*  
12          *West Virginia, Mingo County, Town of*  
13          *Matewan, and being more particularly bounded*  
14          *and described as follows:*

15                    *Beginning at a point on the southerly*  
16          *right-of-way line of the Norfolk and Western*  
17          *Railroad, having an approximate coordi-*  
18          *nate value of N228,936 E1,661,672, and*  
19          *being at the intersection of the easterly*  
20          *right-of-way line of State Route 49/10 with*  
21          *the boundary of the Matewan Area Struc-*  
22          *tural Project; thence, leaving the right-of-*  
23          *way of said road, and with said Project*  
24          *boundary, and the southerly right-of-way of*  
25          *said Railroad.*

1                   *North 77°49' East 89 feet to an iron*  
2                   *pin and cap designated as U.S.A. Corner*  
3                   *No. M-4.*

4                   *North 79°30' East 74 feet to an iron*  
5                   *pin and cap designated as U.S.A. Corner*  
6                   *No. M-5-1; thence, leaving the southerly*  
7                   *right-of-way of said Railroad, and con-*  
8                   *tinuing with the boundary of said Project.*

9                   *South 06°33' East 102 to an iron pipe*  
10                  *and cap designated U.S.A. Corner No. M-*  
11                  *6-1 on the northerly right-of-way line of*  
12                  *State Route 49/28; thence, leaving the*  
13                  *boundary of said Project, and with the*  
14                  *right-of-way of said road, severing the lands*  
15                  *of said Project.*

16                  *North 80°59' West 171 feet to a point*  
17                  *at the intersection of the Northerly right-of-*  
18                  *way line of said State Route 49/28 with the*  
19                  *easterly right-of-way line of said State*  
20                  *Route 49/10; thence, leaving the right-of-*  
21                  *way of said State Route 49/28 and with the*  
22                  *right-of-way of said State Route 49/10.*

23                  *North 03°21' West 42 feet to the point*  
24                  *of beginning, containing 0.27 acre, more or*  
25                  *less. The bearings and coordinate used here-*

1           *in are referenced to the West Virginia State*  
2           *Plane Coordinate System, South Zone.*

3           *(D) A certain parcel of land in the State of*  
4           *West Virginia, Mingo County, Town of*  
5           *Matewan, and being more particularly bounded*  
6           *and described as follows:*

7                   *Beginning at a point at the intersec-*  
8                   *tion of the easterly right-of-way line of*  
9                   *State Route 49/10 with the right-of-way line*  
10                  *of the floodwall, having an approximate co-*  
11                  *ordinate value of N228,826 E1,661,679;*  
12                  *thence, leaving the right-of-way of said*  
13                  *floodwall, and with the right-of-way of said*  
14                  *State Route 49/10.*

15                  *North 03°21' West 23 feet to a point at*  
16                  *the intersection of the easterly right-of-way*  
17                  *line of said State Route 49/10 with the*  
18                  *southerly right-of-way line of State Route*  
19                  *49/28; thence, leaving the right-of-way of*  
20                  *said State Route 49/10 and with the right-*  
21                  *of-way of said State Route 49/28.*

22                  *South 80°59' East 168 feet.*

23                  *North 82°28' East 45 feet to an iron*  
24                  *pin and cap designated as U.S.A. Corner*  
25                  *No. M-8-1 on the boundary of the Western*

1           *Area Structural Project; thence, leaving the*  
 2           *right-of-way of said State Route 49/28, and*  
 3           *with said Project boundary.*

4           *South 08°28′ East 88 feet to an iron*  
 5           *pin and cap designated as U.S.A. Corner*  
 6           *No. M-9-1 point on the northerly right-of-*  
 7           *way line of a street (known as McCoy*  
 8           *Alley); thence, leaving said Project bound-*  
 9           *ary and with the northerly right-of-way of*  
 10          *said street.*

11          *South 83°01′ West 38 feet to a point*  
 12          *on the right-of-way line of said floodwall;*  
 13          *thence, leaving the right-of-way of said*  
 14          *street, and with the right-of-way of said*  
 15          *floodwall.*

16          *North 57°49′ West 180 feet.*

17          *South 79°30′ West 34 feet to a point of*  
 18          *beginning, containing 0.24 acre, more or*  
 19          *less. The bearings and coordinate used here-*  
 20          *in are referenced to the West Virginia State*  
 21          *Plane Coordinate System, South Zone.*

22   **SEC. 579. NAMINGS.**

23          *(a) FRANCIS BLAND FLOODWAY DITCH, ARKANSAS.—*

(2) *LEGAL REFERENCE.*—Any reference in a law, map, regulation, document, paper, or other record of the United States to the creek referred to in paragraph (1) shall be deemed to be a reference to the “Francis Bland Floodway Ditch”.

(1) *DESIGNATION.*—The bridge over lock and dam numbered 4 on the Arkansas River, Arkansas, constructed as part of the project for navigation on the Arkansas River and tributaries, shall be known and designated as the “Lawrence Blackwell Memorial Bridge”.

(2) *LEGAL REFERENCE.*—Any reference in a law, map, regulation, document, paper, or other record of the United States to the bridge referred to in paragraph (1) shall be deemed to be a reference to the “Lawrence Blackwell Memorial Bridge”.

22 SEC. 580. FOLSOM DAM AND RESERVOIR ADDITIONAL STOR-  
23 AGE AND WATER SUPPLY STUDIES.

•HR 1480 RH



1           (1) *IN GENERAL.*—*The Secretary, in consultation*  
2           *with the State of California and local water resources*  
3           *agencies, shall undertake a study of increasing sur-*  
4           *charge flood control storage at the Folsom Dam and*  
5           *Reservoir by replacing the 8 spillway gates and rais-*  
6           *ing the dam and embankment by 6.5 feet or the*  
7           *amount needed to achieve a 140-year level of flood*  
8           *protection, whichever provides the greater level of*  
9           *flood protection.*

10           (2) *DETERMINATION OF 140-YEAR LEVEL OF*  
11           *FLOOD PROTECTION.*—*For the purposes of paragraph*  
12           *(1), the 140-year level of flood protection shall be de-*  
13           *termined in accordance with the hydrology approved*  
14           *by the Sacramento District of the United States*  
15           *Army Corps of Engineers in its February 3, 1998, re-*  
16           *port entitled “American River, California, Rain*  
17           *Flood Flow Frequency Analysis”.*

18           (3) *LIMITATIONS.*—*The modifications to the Fol-*  
19           *som Dam and Reservoir under this section may not*  
20           *increase the conservation storage of the Folsom Res-*  
21           *ervoir.*

22           (4) *REPORT.*—*Not later than April 15, 2001, the*  
23           *Secretary shall transmit to Congress a report on the*  
24           *results of the study under this subsection.*

25           (b) *FOLSOM WATER SUPPLY STUDIES.*—

1           (1) *IN GENERAL.*—Following the completion of  
2       the study under subsection (a), the Secretary of the  
3       Interior, in consultation with the Secretary of the  
4       Army, the State of California, local water resources  
5       agencies, local elected officials and interested organi-  
6       zations, shall undertake a study of the opportunities  
7       to increase the available water supply storage at Fol-  
8       som Dam and Reservoir resulting from any flood con-  
9       trol modifications to Folsom Dam recommended  
10      under subsection (a).

11          (2) *FOCUS OF STUDY.*—The study shall focus on  
12      opportunities to increase water supply storage that  
13      can be accomplished while at the same time pro-  
14      tecting private property and recreational values at  
15      Folsom Reservoir.

16          (c) *IMPLEMENTATION.*—Upon completion of the study  
17      undertaken pursuant to subsection (a), the Secretary shall  
18      proceed with the implementation of the maximum amount  
19      of surcharge flood control storage which meets the criteria  
20      identified in subsection (a) if the Secretary determines that  
21      the project—

22           (1) *is technically feasible, environmentally ac-*  
23      *ceptable, and economically justified and in accord-*  
24      *ance with the economic and environmental principles*  
25      *and guidelines for water and land resources; and*

1           (2) *includes measures which, to the maximum*  
2           *extent practicable, mitigate any adverse impacts to*  
3           *private property and recreation at Folsom Reservoir.*

4           (d) *ROAD RELOCATIONS.—*

5           (1) *PLANNING AND DESIGN.—Upon enactment of*  
6           *this Act, the Secretary shall undertake detailed plan-*  
7           *ning and design of alternative transportation im-*  
8           *provements, including a bridge downstream of Folsom*  
9           *Dam, that comply with current transportation design*  
10          *criteria to replace the Folsom Dam Road, which is*  
11          *currently on top of the embankment at Folsom Dam.*

12          (2) *CONSTRUCTION.—Subsequent to the Sec-*  
13          *retary's determination to proceed with implementa-*  
14          *tion of additional storage at Folsom Dam under sub-*  
15          *section (a) and prior to construction of improvements*  
16          *to Folsom Dam needed for such implementation, the*  
17          *Secretary, in consultation with the city of Folsom*  
18          *and the Bureau of Reclamation, shall construct the*  
19          *transportation improvements designed under para-*  
20          *graph (1).*

21          (3) *COST SHARING.—The cost of planning, de-*  
22          *sign, and construction of transportation improve-*  
23          *ments under this subsection shall be treated as safety*  
24          *modifications and shall be subject to cost sharing in*  
25          *accordance with section 1203 of the Water Resources*

1     *Development Act of 1986 (33 U.S.C. 467n). All costs*  
2     *attributed to water and power users of the Central*  
3     *Valley Project for such planning, design, and con-*  
4     *struction shall be a Federal responsibility and shall*  
5     *be nonreimbursable.*

6             (4) *SPECIAL RULE FOR COST-BENEFIT ANAL-*  
7     *YSIS.—For purposes of evaluating the costs and bene-*  
8     *fits of the transportation improvements authorized by*  
9     *this subsection, the benefits of such improvements*  
10    *shall be allocated to ensuring adequate safety at Fol-*  
11    *som Dam and shall be deemed to equal the cost of*  
12    *such improvements.*

13    (e) *LEVEE STUDY.—*

14            (1) *IN GENERAL.—The Secretary shall undertake*  
15    *a study of all levees on the American River and on*  
16    *the Sacramento River downstream and immediately*  
17    *upstream of the confluence of such Rivers to access op-*  
18    *portunities to increase potential flood protection*  
19    *through levee modifications.*

20            (2) *DEADLINE FOR COMPLETION.—The Secretary*  
21    *shall complete the study not later than 2 years after*  
22    *the date of enactment of this Act*

23            (3) *AUTHORIZATION OF APPROPRIATIONS.—*  
24    *There is authorized to be appropriated to carry out*  
25    *this subsection \$2,000,000.*

1 **SEC. 581. WATER RESOURCES DEVELOPMENT.**

2 (a) *PLACER COUNTY WATER AGENCY.*—

3 (1) *SACRAMENTO RIVER DIVERSION INFRASTRUC-*  
4 *TURE.*—

5 (A) *DESIGN AND CONSTRUCTION.*—*The Sec-*  
6 *retary shall design and construct facilities, in-*  
7 *cluding fish screens, for—*

8 (i) *the diversion and transportation of*  
9 *up to the amount of Central Valley Project,*  
10 *California, water set forth in Contract No.*  
11 *14–06–200–5082A from a location suitable*  
12 *to the Placer County Water Agency on the*  
13 *Sacramento River between the mouths of the*  
14 *Feather and the American Rivers to a point*  
15 *in western Placer County, California, not*  
16 *less than one mile east of the western*  
17 *boundary of Placer County, at a continuous*  
18 *rate of not less than 100 cubic feet per sec-*  
19 *ond;*

20 (ii) *the treatment of not less than 65*  
21 *million gallons of water per day for domes-*  
22 *tic use; and*

23 (iii) *the storage of not less than 20*  
24 *million gallons of water.*

25 (B) *CONVEYANCE.*—*Upon completion of*  
26 *construction of facilities under this paragraph,*

1        *ownership of the facilities shall be conveyed to*  
2        *the Placer County Water Agency, together with*  
3        *an easement over any related Federal property*  
4        *that provides the Agency the right to access all*  
5        *such facilities and appurtenances for the pur-*  
6        *poses of operation, maintenance, repair, recon-*  
7        *struction or replacement or enlargement, in per-*  
8        *petuity.*

9        (2) *AMERICAN RIVER PUMP STATION.*—

10            (A) *DESIGN AND CONSTRUCTION.*—*The Sec-*  
11        *retary shall design, construct, and expand exist-*  
12        *ing facilities or install new facilities to provide*  
13        *for a permanent diversion intake, pumping sta-*  
14        *tion, electric facilities, electric transmission*  
15        *lines, water conveyance facilities access roads,*  
16        *and all ancillary facilities necessary to allow the*  
17        *Placer County Water Agency to divert and pump*  
18        *a total flow of not less than 200 cubic feet per*  
19        *second from the American River into that Agen-*  
20        *cy's Auburn Ravine Tunnel on a year-round*  
21        *basis.*

22            (B) *CONVEYANCE.*—*Upon completion of*  
23        *construction of facilities under this paragraph,*  
24        *ownership of the facilities shall be conveyed to*  
25        *the Placer County Water Agency, together with*

1           *an easement over any related Federal property*  
2           *that provides the Agency, the right to access all*  
3           *of its pump station and tunnel facilities and ap-*  
4           *purtenances for the purposes of operation, main-*  
5           *tenance, repair, reconstruction or replacement*  
6           *enlargement and relocation, in perpetuity.*

7           (3) *MODIFICATIONS TO HELL HOLE DAM.—The*  
8           *Secretary shall design and construct gates and other*  
9           *facilities at Hell Hole Dam and Reservoir of the Plac-*  
10          *er County Water Agency in Placer County, Cali-*  
11          *fornia, sufficient to enable the Agency to operate this*  
12          *dam and reservoir to assist in the provision of flood*  
13          *protection for the lands and inhabitants adjacent to*  
14          *the American River downstream of Folsom Dam.*

15          (4) *COSTS.—The total costs of design and con-*  
16          *struction under this subsection is \$133,000,000, with*  
17          *an estimated Federal cost of \$86,450,000 and an esti-*  
18          *mated non-Federal cost of \$46,550,000.*

19          (b) *EL DORADO IRRIGATION DISTRICT.—*

20               (1) *IMPROVEMENTS TO FOLSOM LAKE DIVERSION*  
21               *INFRASTRUCTURE.—The Secretary shall design and*  
22               *construct facilities needed to retrofit the El Dorado*  
23               *County Irrigation District's current Folsom Lake di-*  
24               *version infrastructure in order to provide for the di-*

1        *version, treatment, pumping and conveyance of not to*  
2        *exceed 50,000 acre-feet of water annually.*

3            (2) *COSTS.*—*The total costs of design and con-*  
4        *struction under this subsection is \$21,561,500, with*  
5        *an estimated Federal cost of \$14,014,975 and an esti-*  
6        *mated non-Federal cost of \$7,546,525.*

7        (c) *GEORGETOWN DIVIDE PUBLIC UTILITY DIS-*  
8        *TRICT.*—

9            (1) *AMERICAN RIVER DIVERSION PROJECT.*—*The*  
10        *Secretary shall design and construct facilities nec-*  
11        *essary to provide for the diversion, transportation,*  
12        *treatment, and storage of not less than 25 cubic feet*  
13        *per second and 7,500 acre-feet annually from the*  
14        *American River for the Georgetown Divide Public*  
15        *Utility District to obtain benefit of the Energy and*  
16        *Water Development Appropriations Act, 1991. Such*  
17        *facilities shall be provided through an expansion of*  
18        *the capacity of the Placer County Water Agency*  
19        *American River Pump Station facilities identified in*  
20        *subsection (a)(2) of this section.*

21            (2) *LAND TRANSFER.*—*The Secretary shall grant*  
22        *to the Georgetown Divide Pubic Utility District real*  
23        *property rights sufficient to enable the Utility Dis-*  
24        *trict to implement paragraph (1).*



1           (3) *COSTS.*—*The total costs of design and con-*  
2           *struction under this subsection is \$10,000,000, with*  
3           *an estimated Federal cost of \$6,500,000 and an esti-*  
4           *mated non-Federal cost of \$3,500,000.*

5           (d) *SAN JUAN WATER DISTRICT.*—*The Secretary shall*  
6           *provide, subject to advance appropriations, \$1,950,000 to*  
7           *the San Juan Water District to fund 65 percent of the costs*  
8           *to study and identify alternatives that would optimize con-*  
9           *junctive use opportunities within Placer and Sacramento*  
10          *Counties, California, and to implement a pilot project nec-*  
11          *essary to analyze the technical and administrative processes*  
12          *identified through such a study.*

13          (e) *FOLSOM RESERVOIR DIVERSIONS.*—

14               (1) *IMPROVEMENTS TO FOLSOM LAKE DIVERSION*  
15               *INFRASTRUCTURE.*—*The Secretary shall design and*  
16               *construct improvements to facilities at Folsom Dam*  
17               *needed to divert, pump, and transport additional*  
18               *water from Folsom Reservoir to the city of Roseville,*  
19               *the San Juan Water District, the city of Folsom, and*  
20               *the Placer County Water Agency, including expansion*  
21               *of the Industrial Pump Station.*

22               (2) *COSTS.*—*The total costs of design and con-*  
23               *struction under this subsection is \$5,000,000, with an*  
24               *estimated Federal cost of \$3,250,000 and an estimated*  
25               *non-Federal cost of \$1,750,000.*

1       (f) *SAN JOAQUIN COUNTY.*—

2               (1) *AUTHORIZATION OF IMPROVEMENTS.*—*In*  
3       *consultation with local officials, the Secretary shall*  
4       *design and construct improvements required to com-*  
5       *plete the project known as the East San Joaquin*  
6       *County Recharge Project, at a total cost of*  
7       *\$100,000,000, with an estimated Federal cost of*  
8       *\$65,000,000 and an estimated non-Federal cost of*  
9       *\$35,000,000.*

10              (2) *LIMITATION.*—*No money authorized to be ap-*  
11       *propriated to carry out this subsection shall be made*  
12       *available until such time as San Joaquin County,*  
13       *California, shall have perfected water rights permits*  
14       *or licenses from the California State Water Resources*  
15       *Control Board sufficient to carry out the purposes of*  
16       *the East San Joaquin County Recharge Project.*

17       (g) *WATER RESOURCE GRANTS.*—

18              (1) *MITIGATION FOR DIVERSIONS.*—*The Sec-*  
19       *retary shall provide, through grants or other coopera-*  
20       *tive agreements to one or more of the Placer County*  
21       *Water Agency, El Dorado Irrigation District, El Do-*  
22       *rado County Water Agency, Georgetown Divide Pub-*  
23       *lic Utility District, city of Roseville, city of Folsom,*  
24       *San Juan Water District and its wholesale suppliers,*  
25       *the County of Sacramento, and other agencies located*

1     *north of the confluence of the American and Sac-*  
2     *ramento Rivers that divert or use water from the Sac-*  
3     *ramento River and its tributaries, funds for the pur-*  
4     *pose of implementing projects on the American River*  
5     *and tributaries (or, where appropriate, on other riv-*  
6     *ers that are or can be operationally integrated with*  
7     *the American River) which will provide water supply*  
8     *benefits to municipal jurisdictions and operational*  
9     *and management flexibility within these areas of ori-*  
10    *gin.*

11           (2) *FEDERAL SHARE.—The Federal of the costs*  
12     *of any activity carried out under a grant or agree-*  
13     *ment made under this subsection shall be 65 percent.*

14           (3) *AUTHORIZATION OF APPROPRIATIONS.—*  
15     *There is authorized to be appropriated to carry out*  
16     *this subsection \$10,000,000.*

17     (h) *GRANTS AND REIMBURSEMENTS.—*

18           (1) *GRANTS.—The Federal share of the costs of*  
19     *any activity under this section may be provided in*  
20     *the form of grants to the non-Federal interest or di-*  
21     *rect reimbursements to the non-Federal interest of*  
22     *such costs.*

23           (2) *ADVANCE CONSTRUCTION REIMBURSE-*  
24     *MENT.—Subject to the availability of appropriations,*  
25     *the Secretary may reimburse any non-Federal interest*

1        *an amount equal to the estimate of the Federal share,*  
 2        *without interest, of the cost of any work (including*  
 3        *work associated with studies, planning, design, and*  
 4        *construction) carried out by a non-Federal interest*  
 5        *otherwise made eligible for non-Federal assistance*  
 6        *under this section. Reimbursements for construction*  
 7        *work by a non-Federal interest on an eligible project*  
 8        *in this section may be made only—*

9                *(A) if, before initiation of construction of*  
 10                *the project, the Secretary approves the plans for*  
 11                *construction of such project by the non-Federal*  
 12                *interest; and*

13                *(B) if the Secretary determines that the*  
 14                *work for which reimbursement is requested has*  
 15                *been performed in accordance with applicable*  
 16                *permits and approved plans.*

17        *(i) OTHER WATER SUPPLY STUDIES.—*

18                *(1) INCREASED WATER SUPPLY THROUGH AL-*  
 19                *TERATION OF RESERVOIR OPERATION.—*

20                *(A) IN GENERAL.—The Secretary, in con-*  
 21                *sultation with the Secretary of the Interior, shall*  
 22                *contract with the State of California to under-*  
 23                *take a study to determine opportunities to in-*  
 24                *crease the available water supply by altering the*  
 25                *operation of the reservoirs and related facilities*

1       *located on rivers that drain into the Sacramento*  
2       *and San Joaquin Valleys owned by the Federal*  
3       *Government, the State of California, local gov-*  
4       *ernments, and private parties.*

5               *(B) PROTECTION OF PROPERTY RIGHTS.—*  
6       *The study shall be based on the protection of ex-*  
7       *isting property rights, recreational values, envi-*  
8       *ronmental values, and operational and contrac-*  
9       *tual constraints and obligations.*

10              *(C) ASSUMPTION.—The study shall assume*  
11       *only voluntary reoperation of the facilities.*

12              *(D) LIMITATION.—The completion of the*  
13       *study shall not be a basis to delay or impact the*  
14       *operation, relicensing, or transfer of ownership of*  
15       *any reservoir, water project, or hydroelectric fa-*  
16       *cility.*

17              *(E) FUNDING.—There is authorized to be*  
18       *appropriated to carry out this paragraph*  
19       *\$3,000,000.*

20              *(2) INCREASED WATER SUPPLY STORAGE AT*  
21       *RESERVOIRS DRAINING INTO CALIFORNIA CENTRAL*  
22       *VALLEY.—*

23              *(A) IN GENERAL.—The Secretary, in con-*  
24       *sultation with the Secretary of the Interior, shall*  
25       *undertake a study of the opportunities to in-*

crease available water supply storage at the Sites/Colusa Reservoir Project area, Cottonwood Creek Reservoir Complex area, Yuba River Dam area, and other potential reservoir sites that drain into the California Central Valley.

(B) *PROTECTION OF PROPERTY RIGHTS.*—

The study shall be based on the protection of existing property rights and recreational values.

(C) *COOPERATION.*—The study shall be

completed in cooperation with other related studies.

(D) *FUNDING.*—There is authorized to be

appropriated to carry out this paragraph \$3,000,000.

(j) *PROTECTION OF WATER RIGHTS.*—Nothing in this

section shall be construed to affect any water rights in the State of California.

**SEC. 582. ALLOCATION OF APPROPRIATIONS.**

(a) *EIS AND PLANNING STAGE.*—Except as provided

in subsection (e), funds appropriated to carry out sections 580 and 581 of this Act for each of fiscal years 2000, 2001, 2002, and 2003 shall be allocated according to the ratio of 60 percent for section 580 and 40 percent for section 581.

(b) *INTENSE FLOOD CONTROL CONSTRUCTION*

*PHASE.*—Except as provided in subsection (e), funds ap-

1 *propriated to carry out sections 580 and 581 of this Act*  
2 *for each of fiscal years 2004, 2005, and 2006 shall be allo-*  
3 *cated according to the ratio of 90 percent for section 580*  
4 *and 10 percent for section 581.*

5       (c) *FLOOD CONTROL/WATER SUPPLY TRANSITIONAL*  
6 *PHASE.—Except as provided in subsection (e), funds ap-*  
7 *propriated to carry out sections 580 and 581 of this Act*  
8 *for each of fiscal years 2007, 2008, 2009, and 2010 shall*  
9 *be allocated according to the ratio of 75 percent for section*  
10 *580 and 25 percent for section 581.*

11       (d) *PROJECT COMPLETION PHASE.—For each fiscal*  
12 *year following fiscal year 2010, funds appropriated to carry*  
13 *out sections 580 and 581 of this Act shall be allocated ac-*  
14 *cording to a ratio of 25 percent for section 580 and 75 per-*  
15 *cent for section 581. In the event that design and construc-*  
16 *tion activities under section 580 or 581 have been com-*  
17 *pleted, all funds appropriated to carry out such sections*  
18 *shall be allocated to the remaining design and construction*  
19 *activities authorized under such section.*

20       (e) *LIMITATION.—The allocation of appropriations re-*  
21 *quired under subsections (a) through (d) shall not take effect*  
22 *for any fiscal year during which funds appropriated to*  
23 *carry out section 580 or 581 may not be obligated due to*  
24 *the failure to successfully complete any required feasibility*  
25 *studies or environmental reviews or the refusal or inability*

1 *of a non-Federal interest to enter into a binding local agree-*  
2 *ment to carry out the items of local cooperation required*  
3 *pursuant to such section.*

4 **SEC. 583. WALLOPS ISLAND, VIRGINIA.**

5 (a) *EMERGENCY ACTION.*—*The Secretary shall take*  
6 *emergency action to protect Wallops Island, Virginia, from*  
7 *damaging coastal storms, by improving and extending the*  
8 *existing seawall, replenishing and renourishing the beach,*  
9 *and constructing protective dunes.*

10 (b) *REIMBURSEMENT.*—*The Secretary shall seek reim-*  
11 *bursment from other Federal agencies whose resources are*  
12 *protected by the emergency action taken under subsection*  
13 *(a).*

14 (c) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
15 *authorized to be appropriated to carry out this section*  
16 *\$8,000,000.*

17 **SEC. 584. DETROIT RIVER, DETROIT, MICHIGAN.**

18 (a) *IN GENERAL.*—*The Secretary is authorized to re-*  
19 *pair and rehabilitate the seawalls on the Detroit River in*  
20 *Detroit, Michigan.*

21 (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*  
22 *authorized to be appropriated for fiscal years beginning*  
23 *after September 30, 1999, \$1,000,000 to carry out this sec-*  
24 *tion.*